

FIG. 2

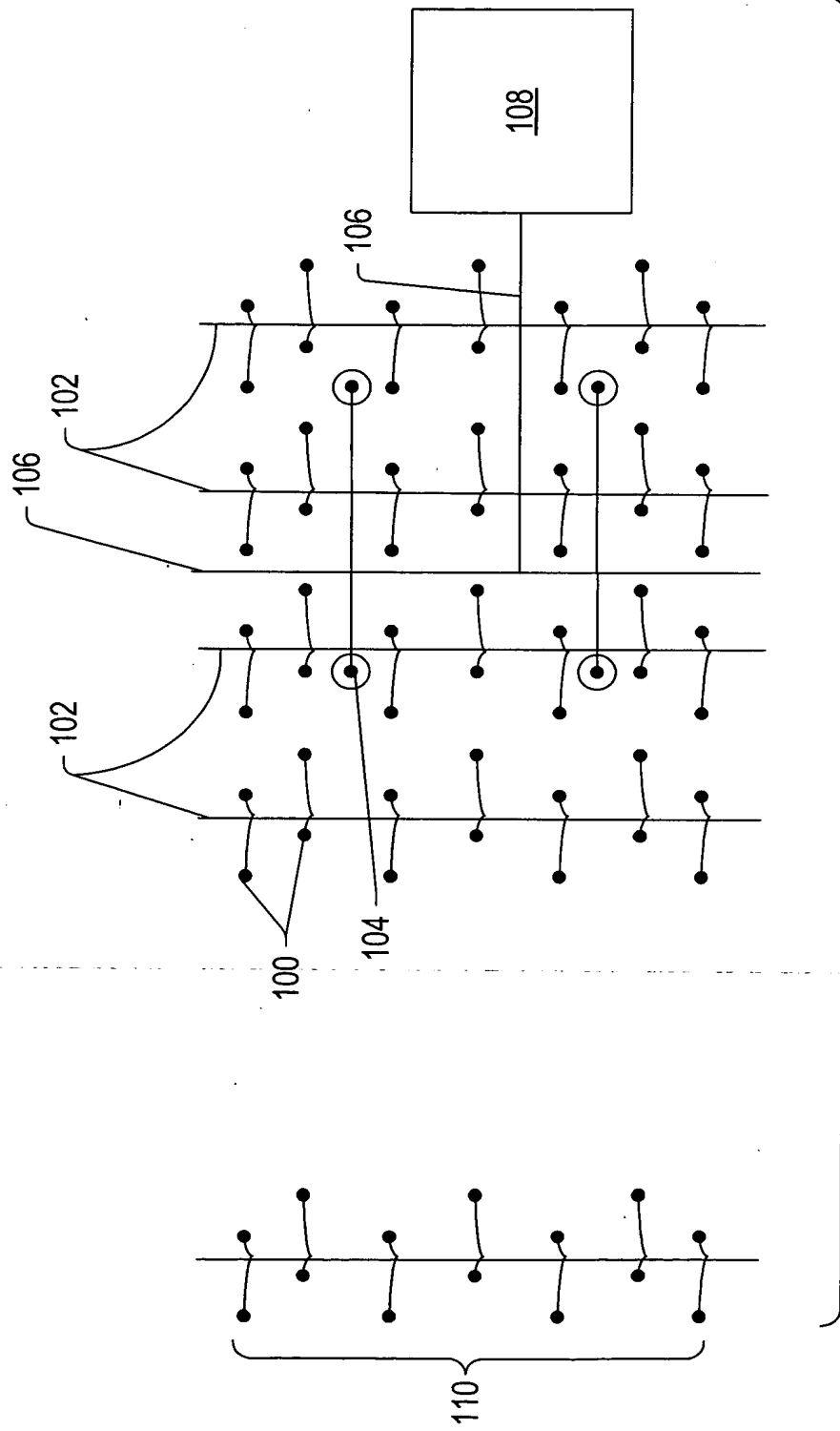


FIG. 3

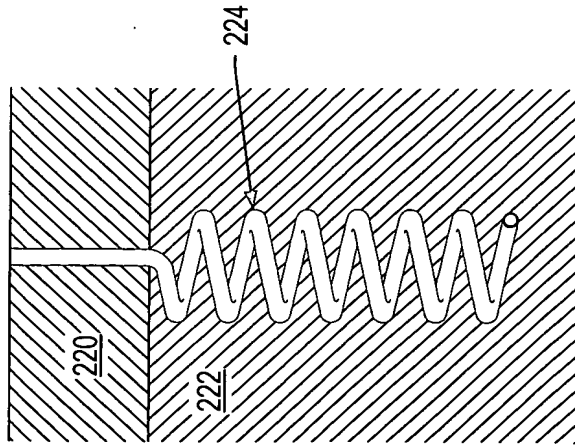


FIG. 3a

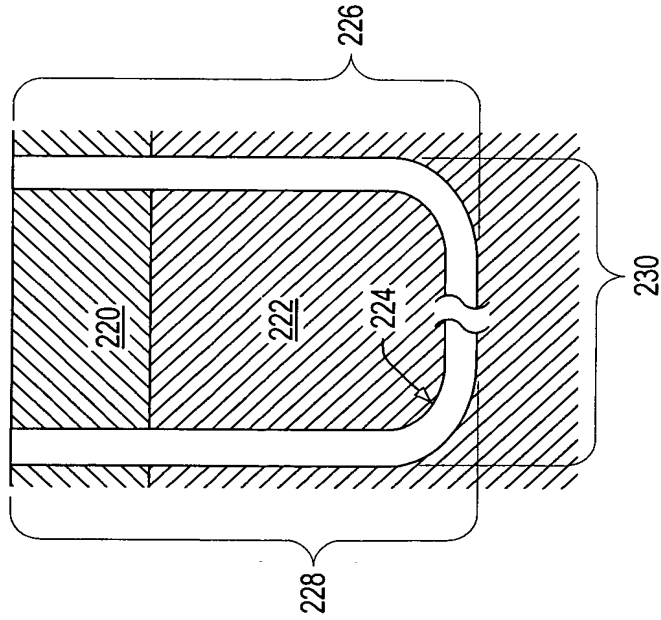


FIG. 3b

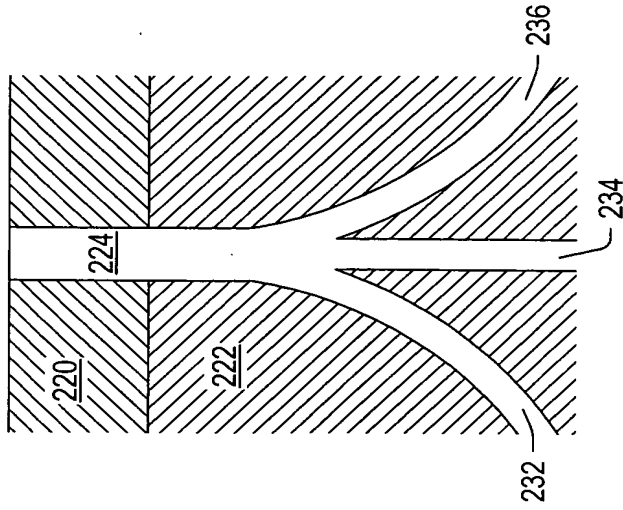


FIG. 3c

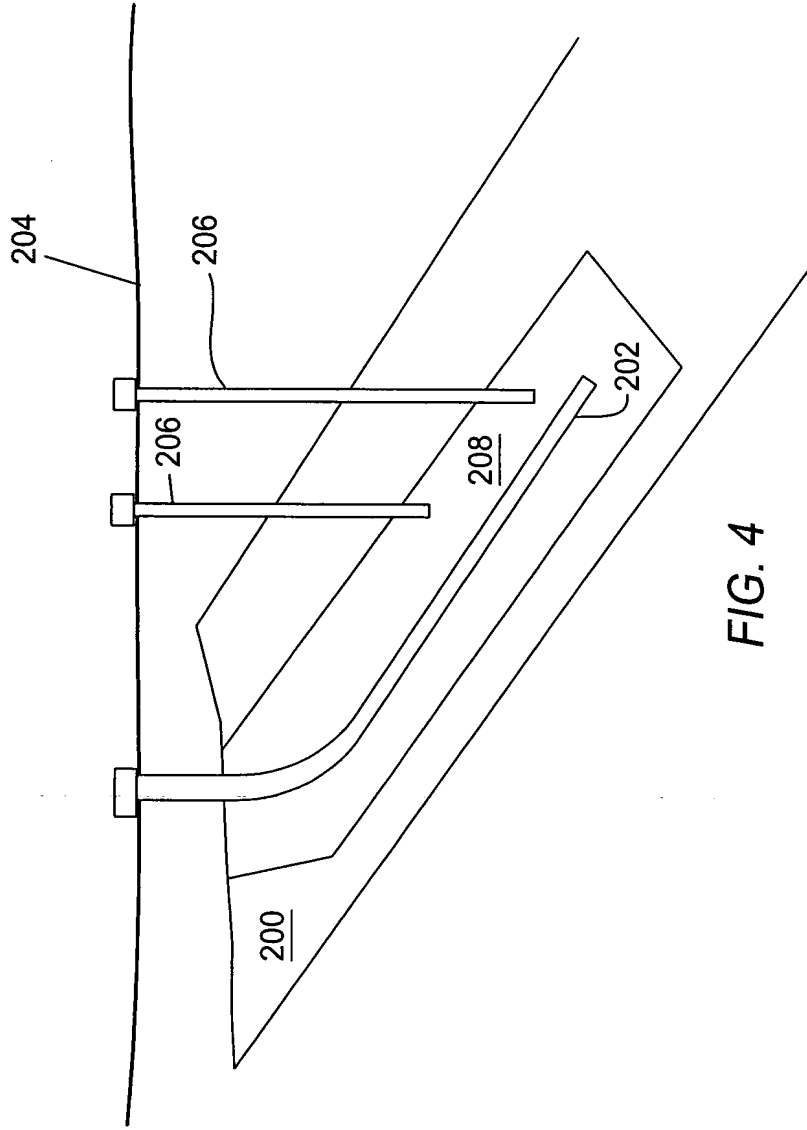
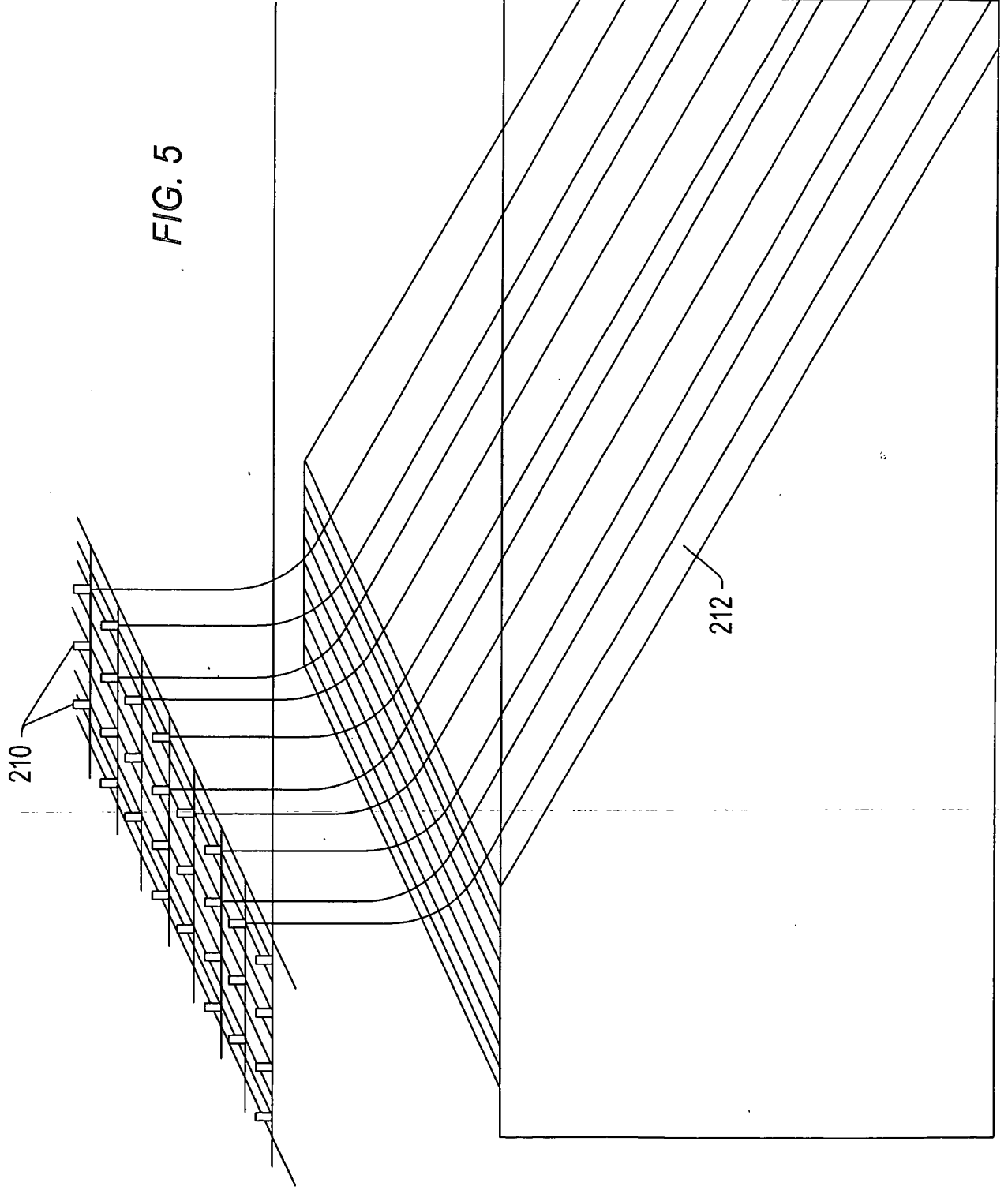


FIG. 4



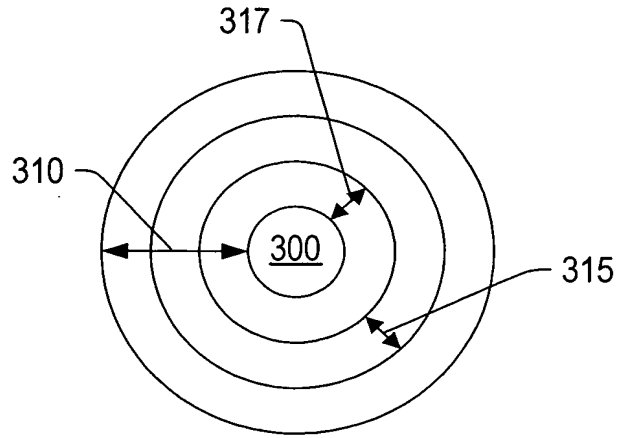


FIG. 6

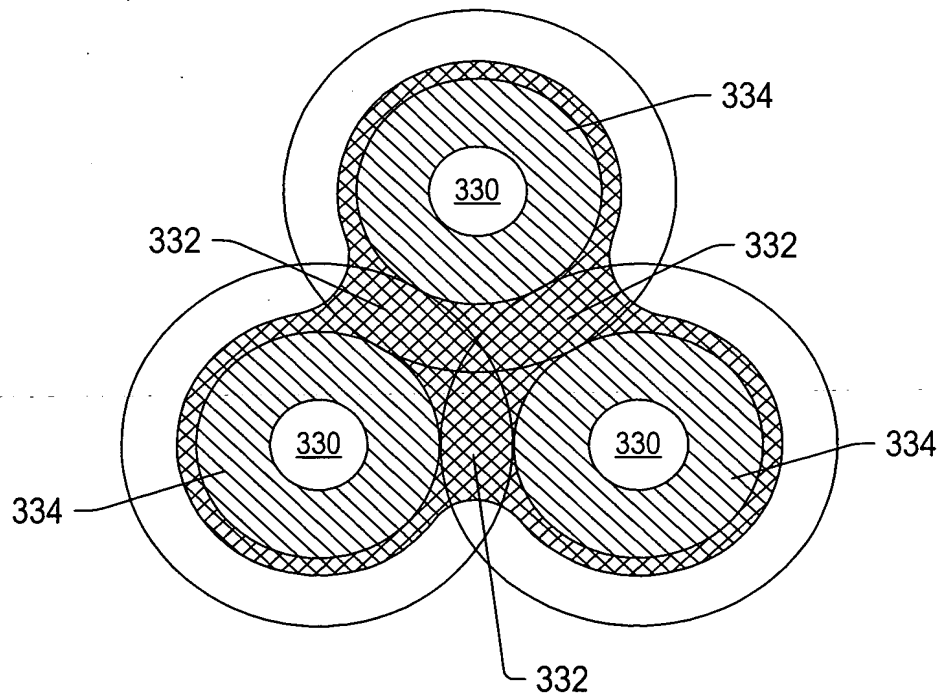


FIG. 7

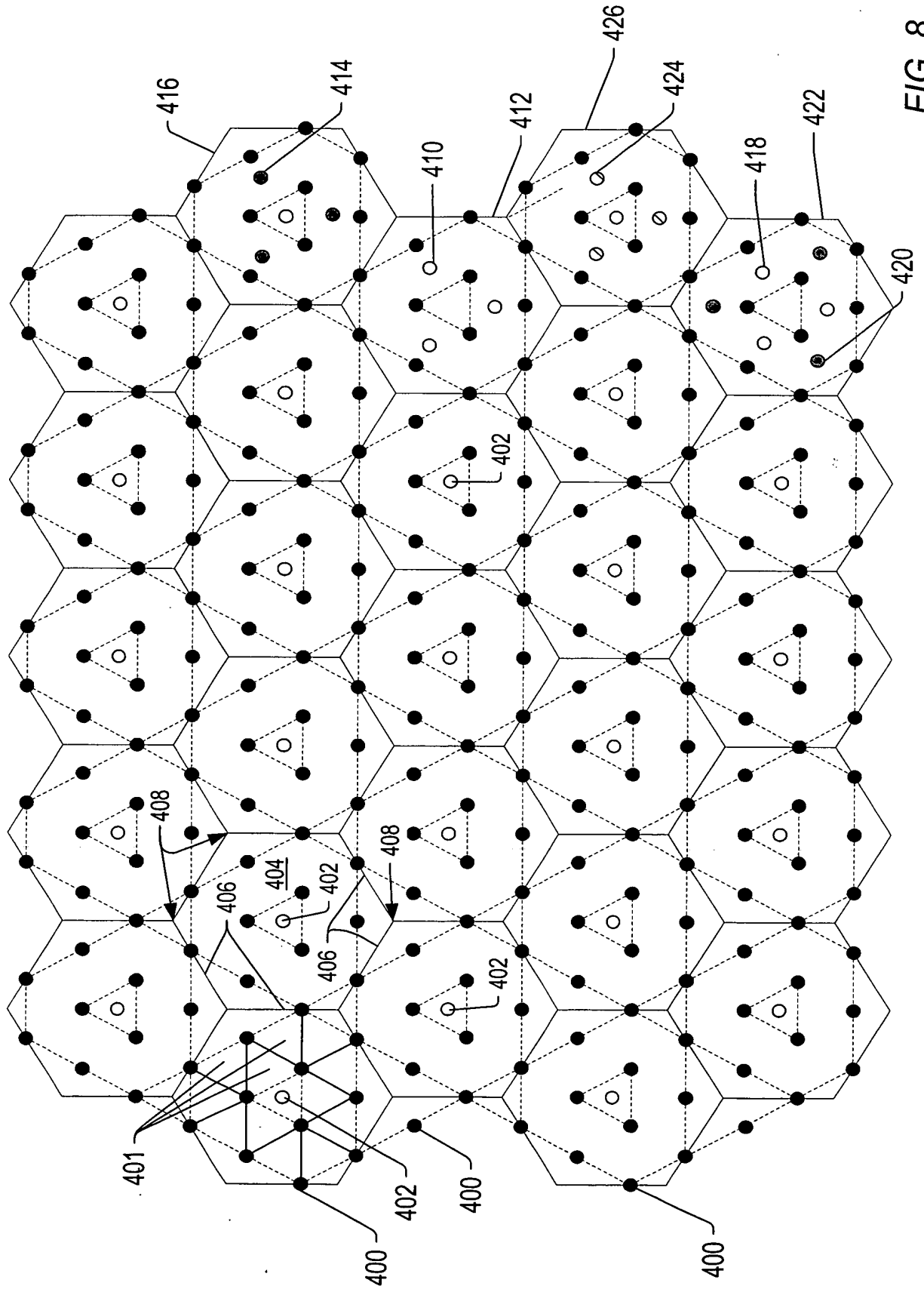


FIG. 8

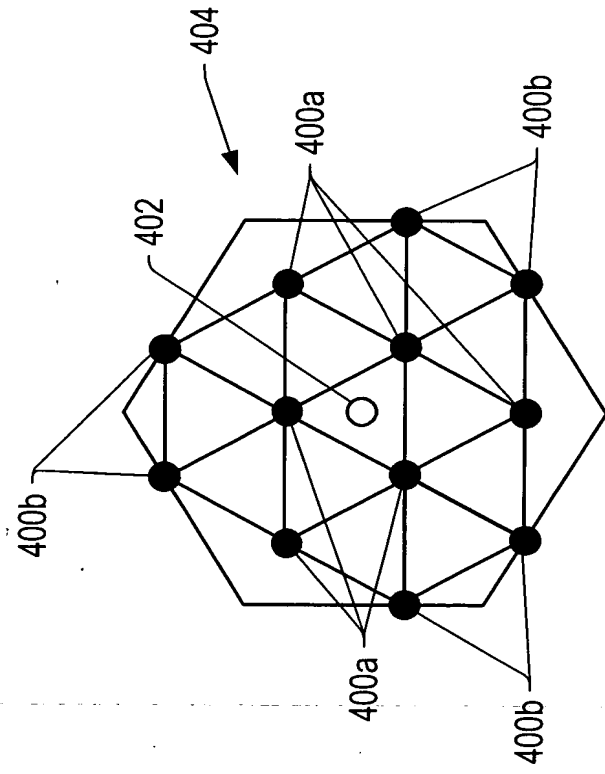


FIG. 9

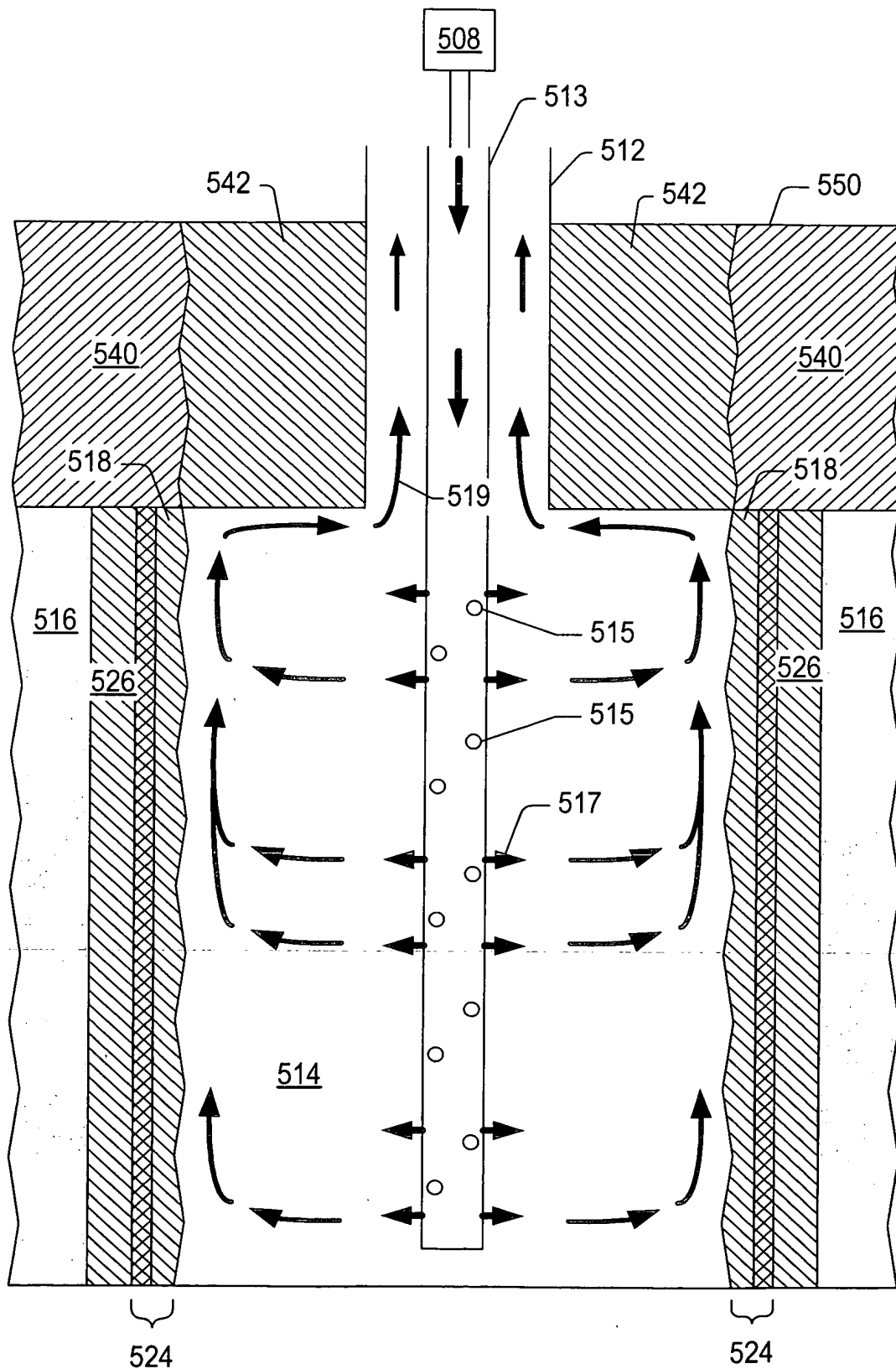


FIG. 10

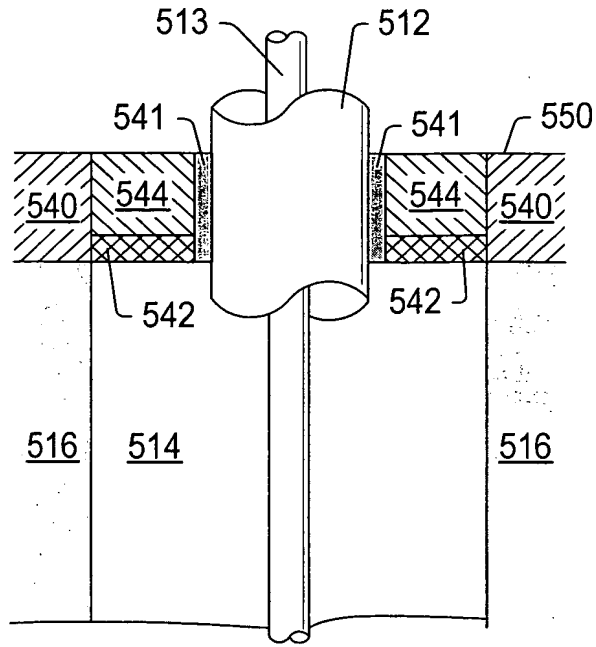


FIG. 11

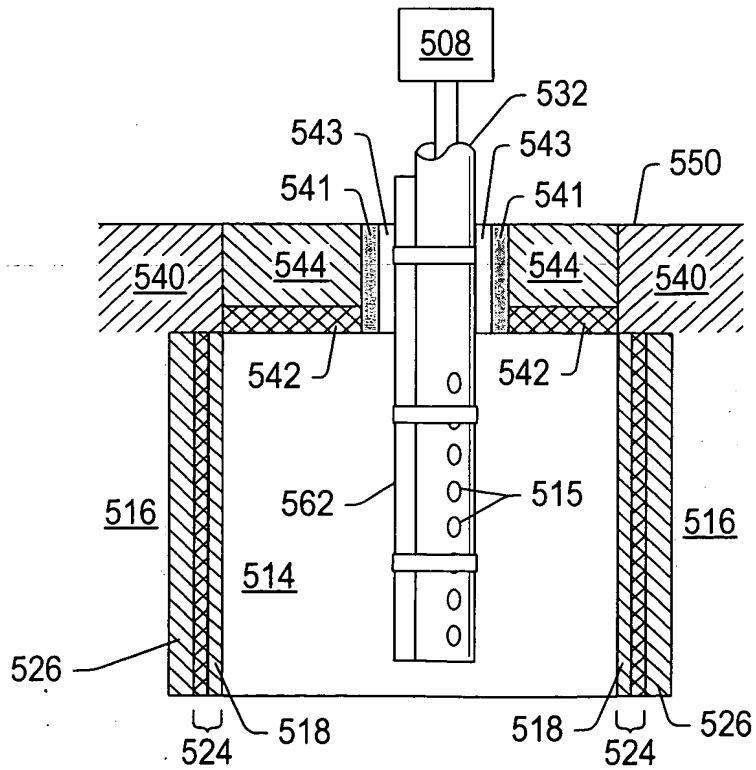


FIG. 12

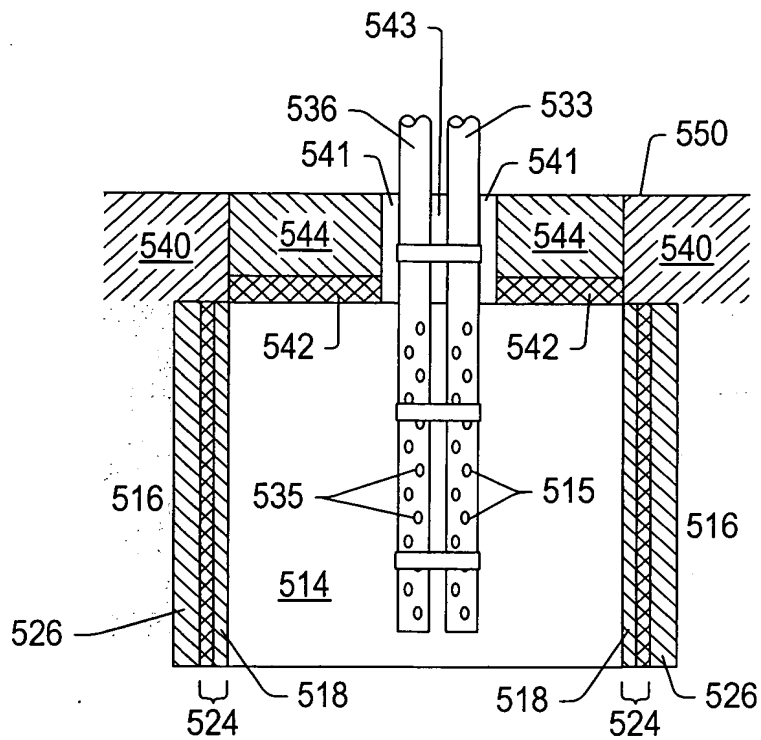


FIG. 13

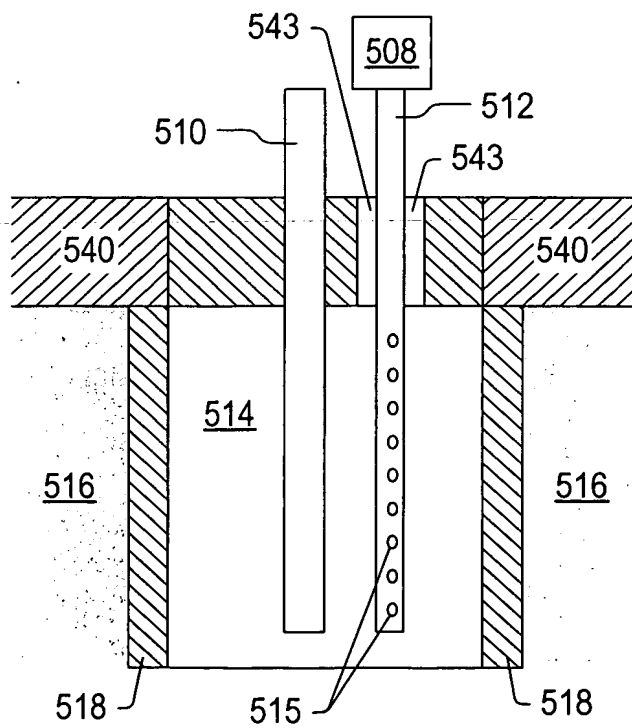


FIG. 14

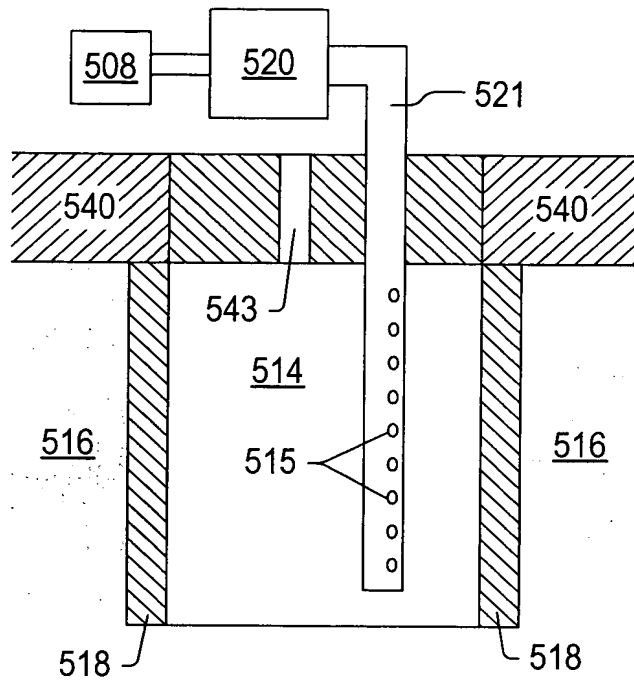


FIG. 15

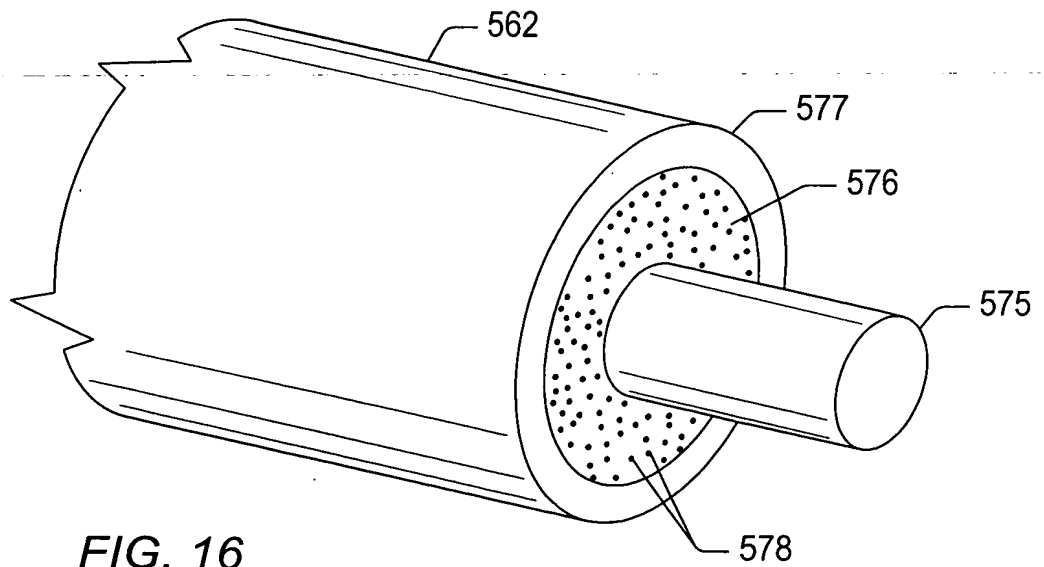


FIG. 16

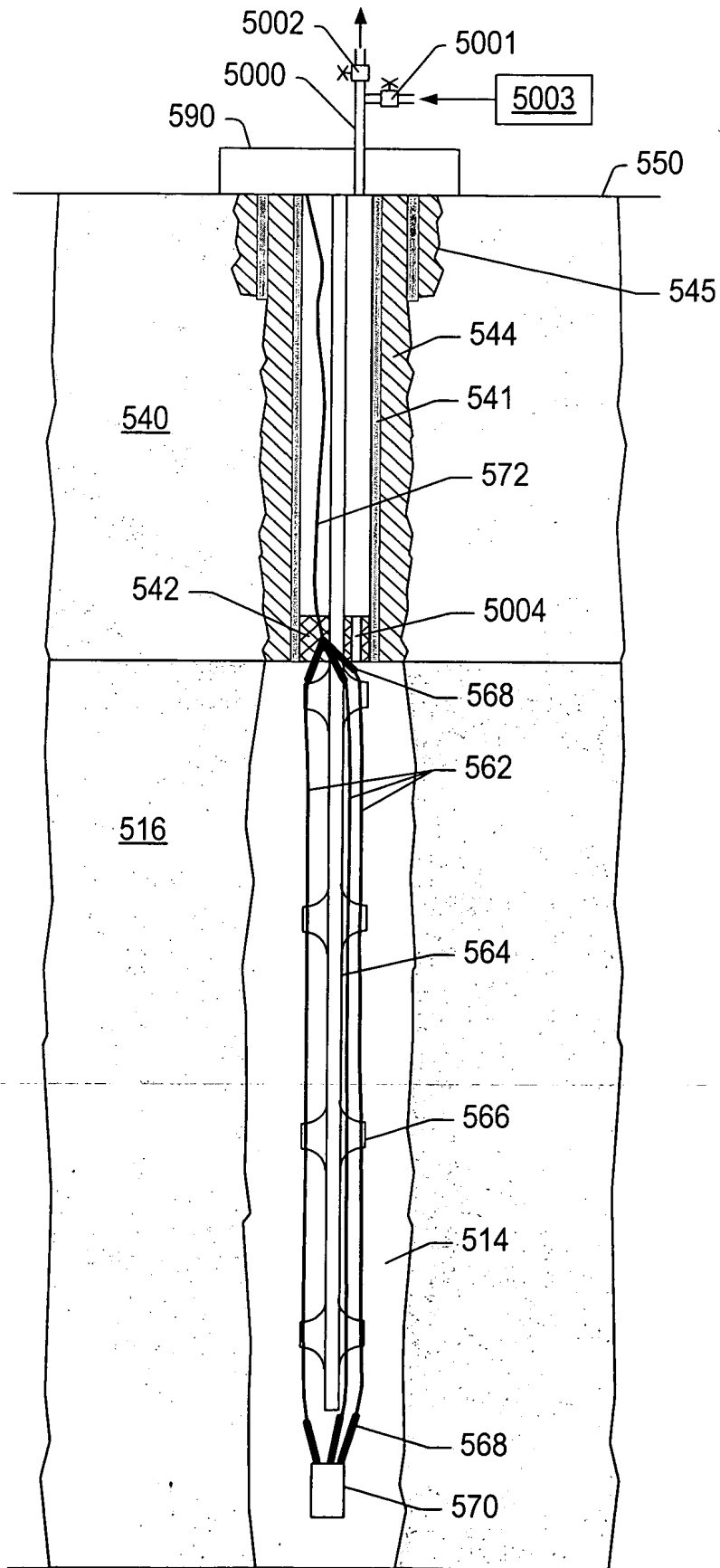


FIG. 17

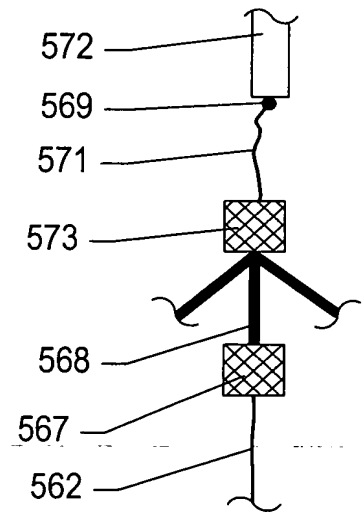


FIG. 17A

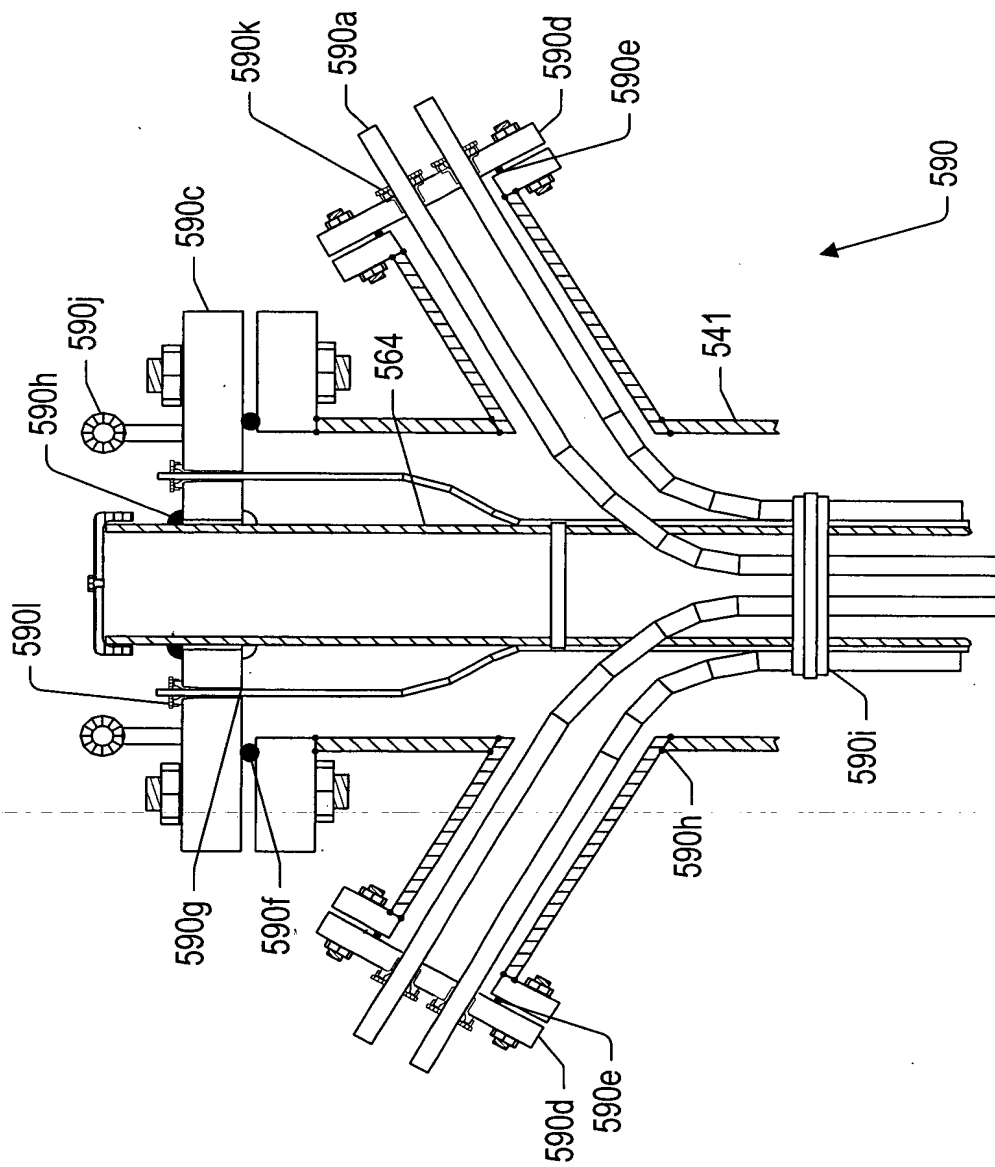


FIG. 18

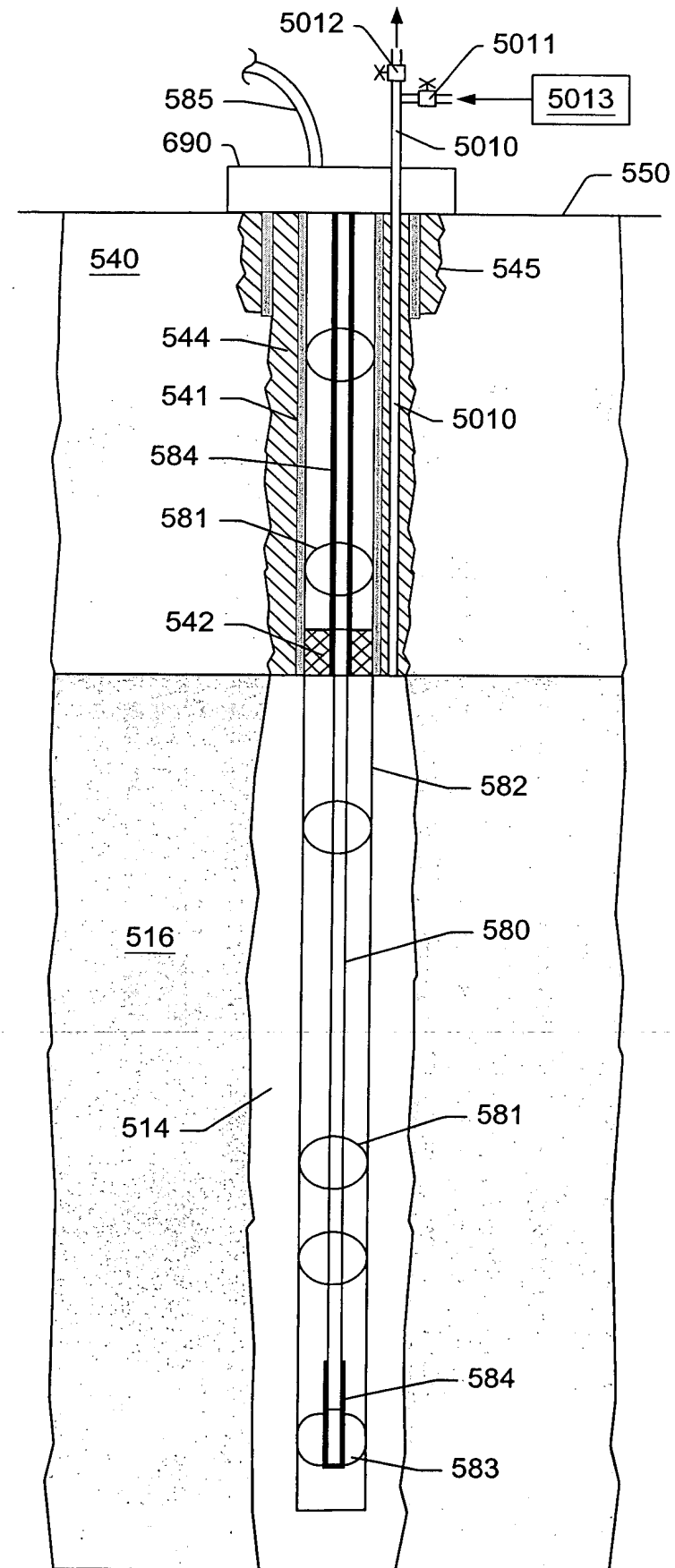


FIG. 19

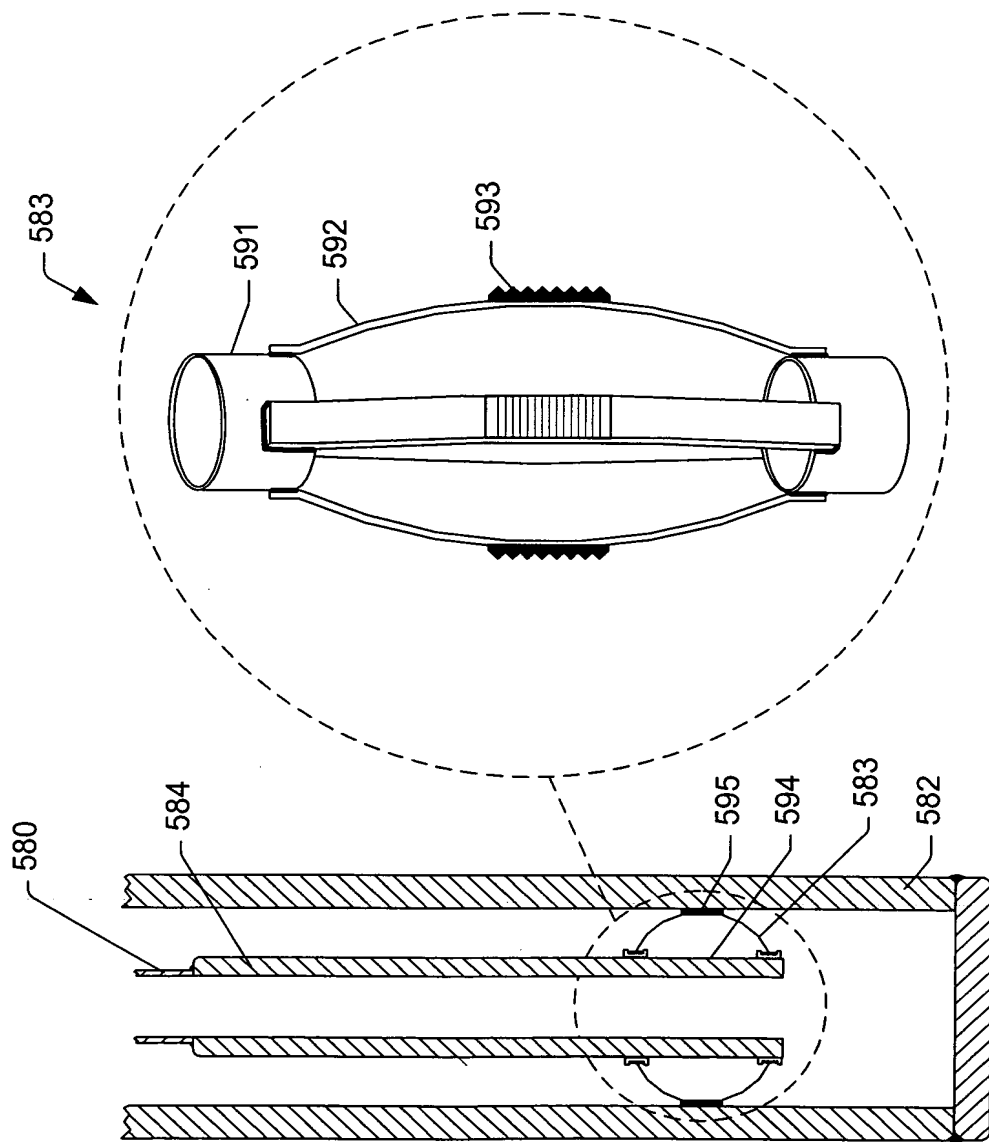


FIG. 20

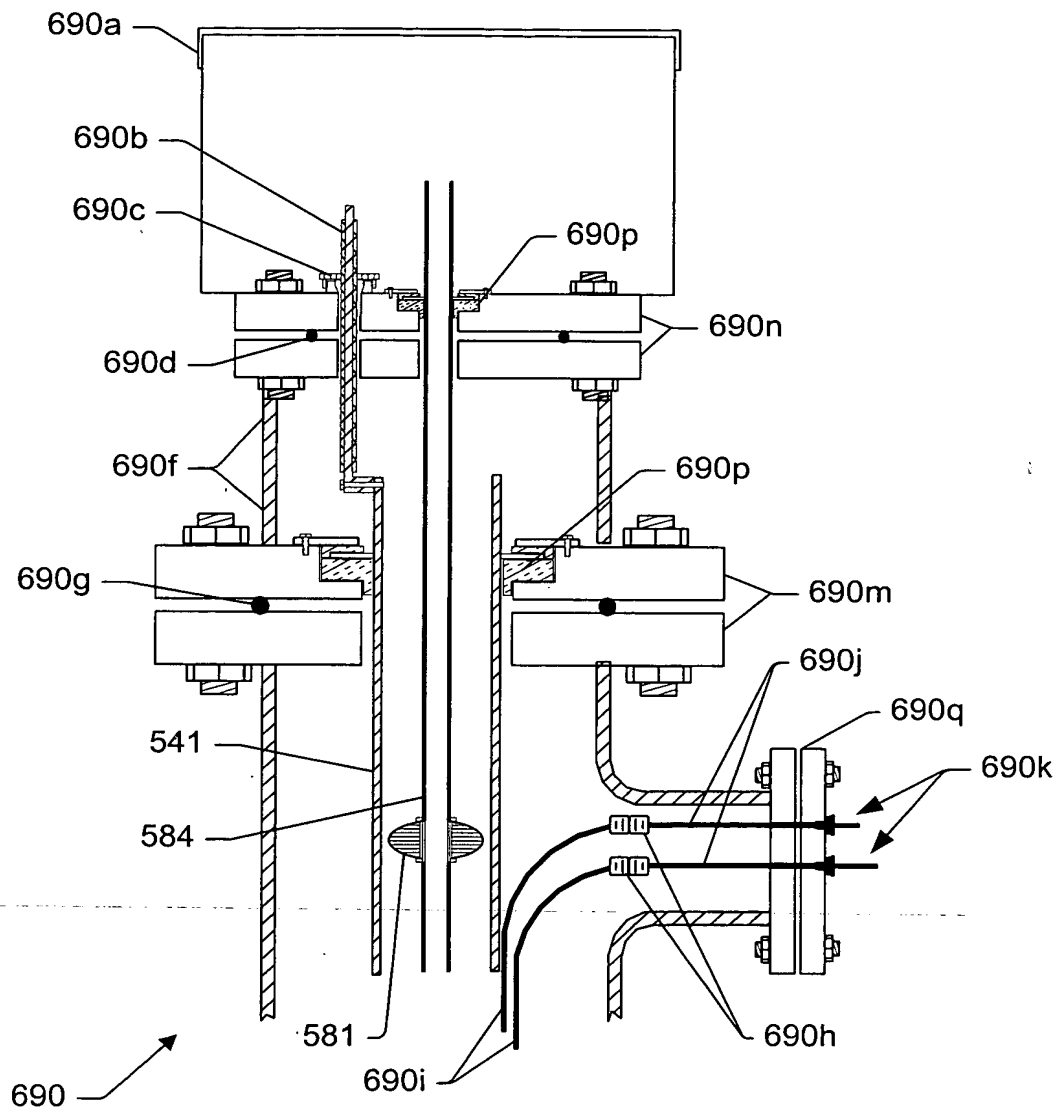


FIG. 21

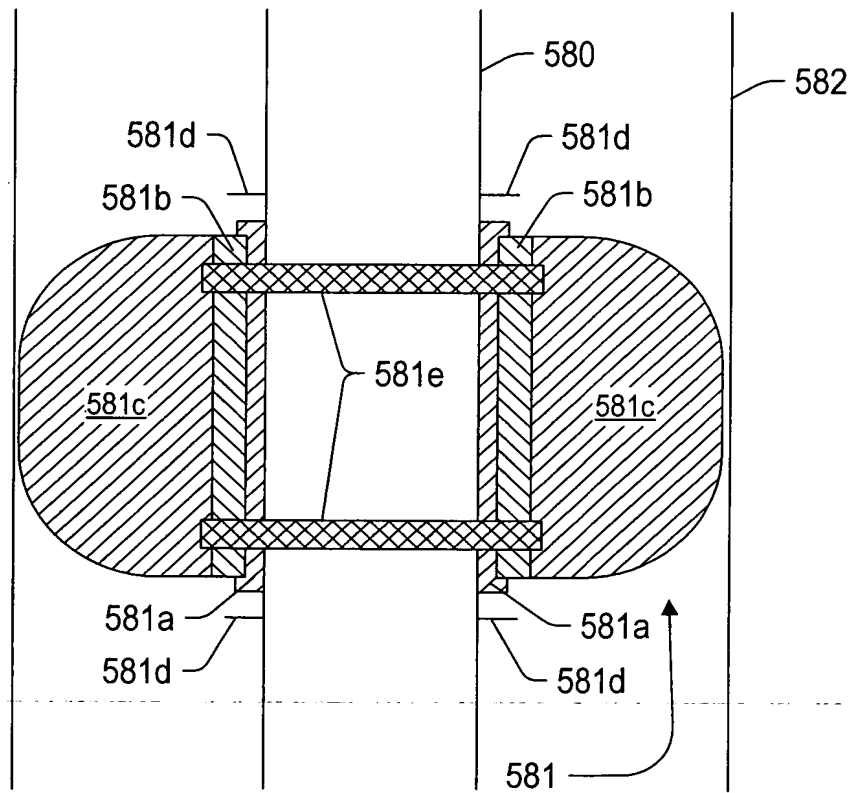


FIG. 22

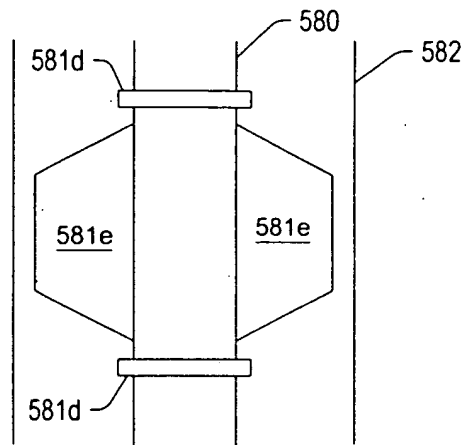


FIG. 23a

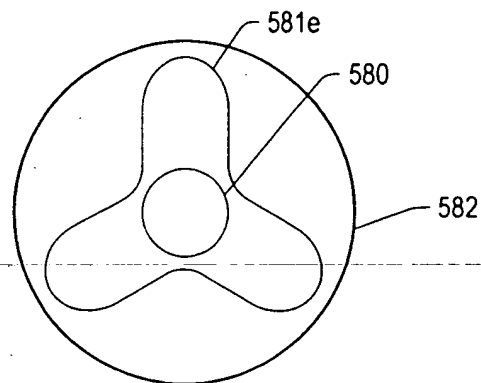


FIG. 23b

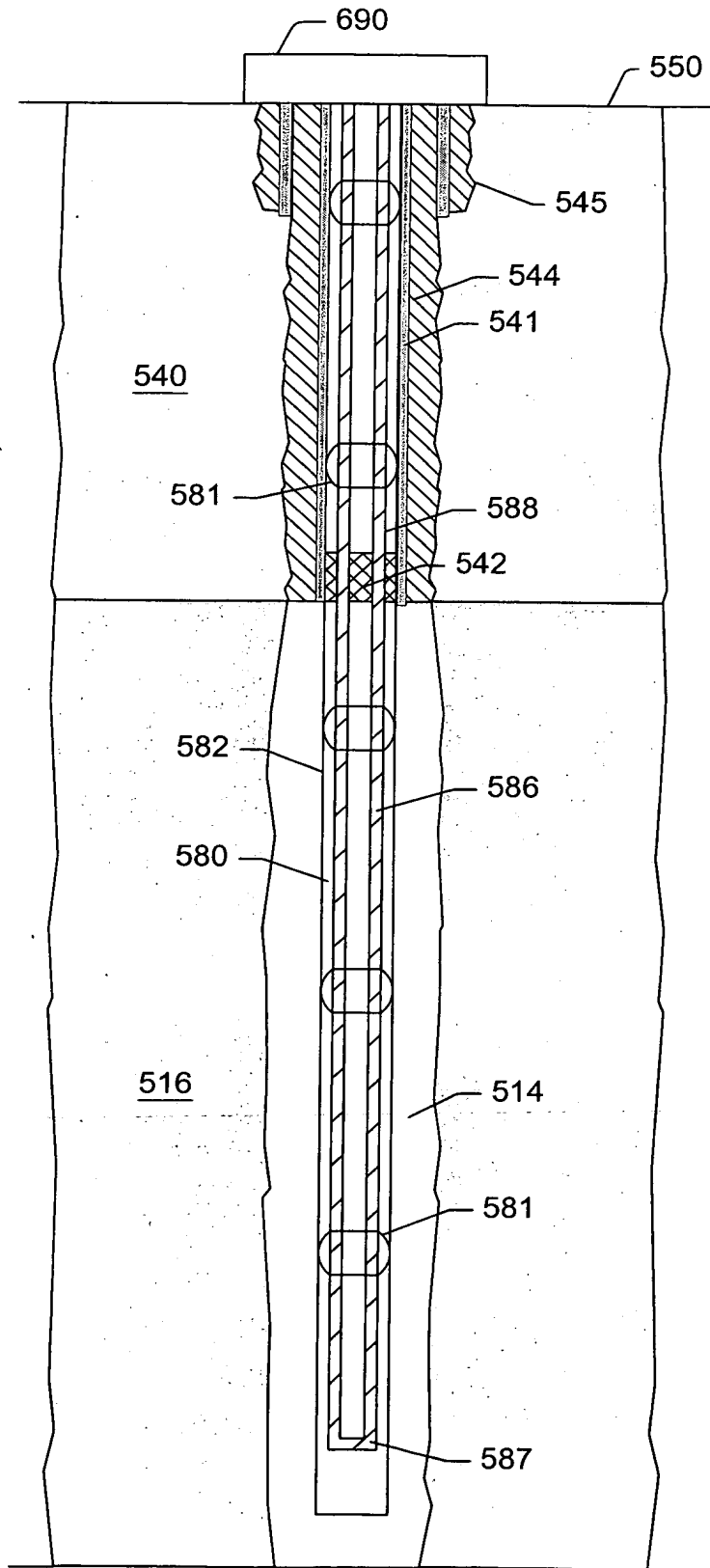


Fig. 24

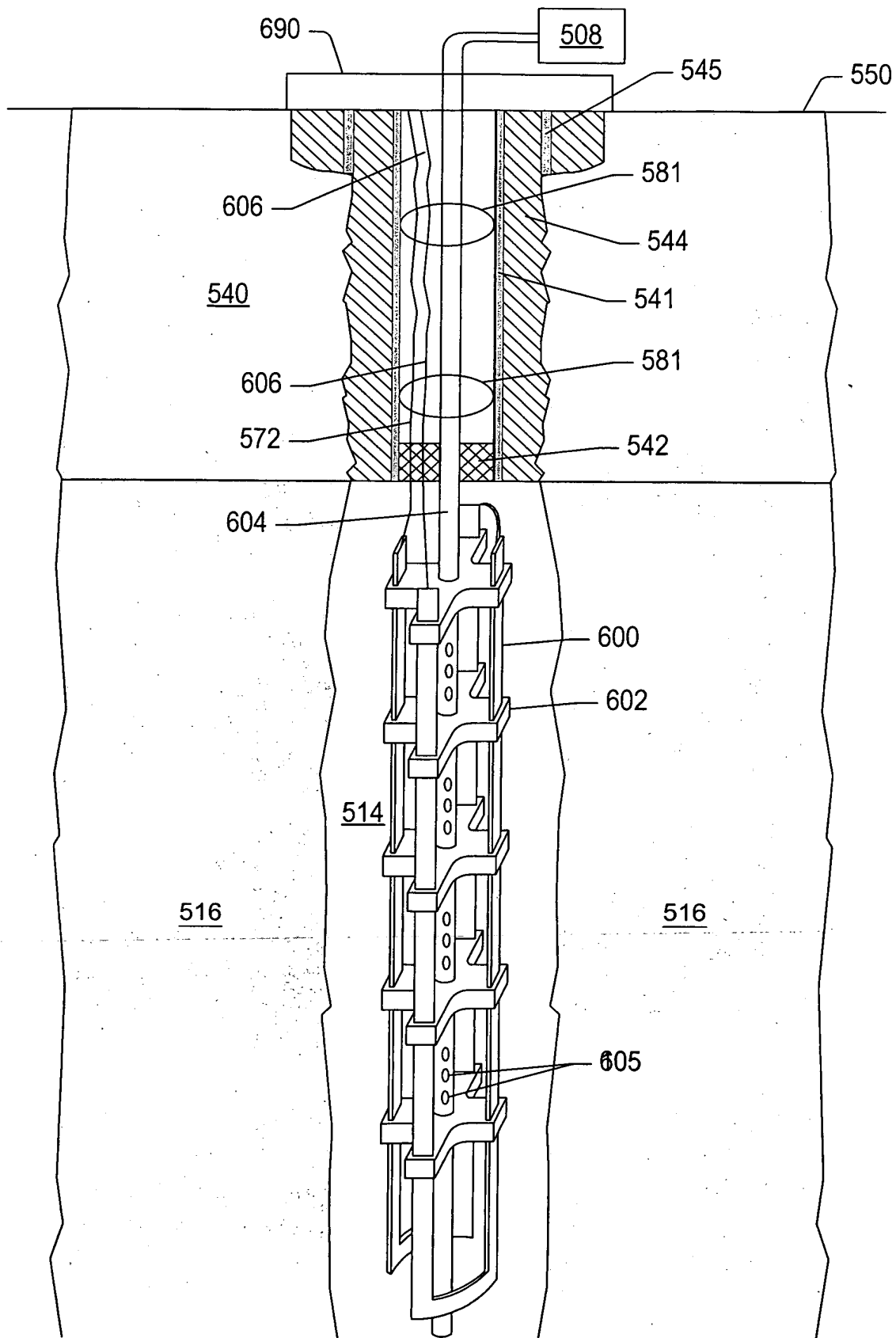


FIG. 25

This diagram shows a cross-sectional view of a device assembly. A central probe or needle-like structure is shown passing through a substrate. The probe has a main shaft (612) and a distal tip (615). The tip is surrounded by a sleeve (614) and a sheath (615a). The probe is connected to a base (610) which is mounted on a support (508). A fluid inlet (611) is shown entering the base. The substrate is labeled 550. The probe is shown in a retracted position, with the tip (615a) not yet inserted into the substrate. The probe is surrounded by a fluid reservoir (612a) and a sheath (612b). The probe is shown in a retracted position, with the tip (615a) not yet inserted into the substrate. The probe is surrounded by a fluid reservoir (612a) and a sheath (612b). The probe is shown in a retracted position, with the tip (615a) not yet inserted into the substrate. The probe is surrounded by a fluid reservoir (612a) and a sheath (612b).

A cross-sectional view of a vertical member 612. The member has a central opening 612a and a top flange 612b. The member is shown in a cross-section with diagonal hatching.

FIG. 27

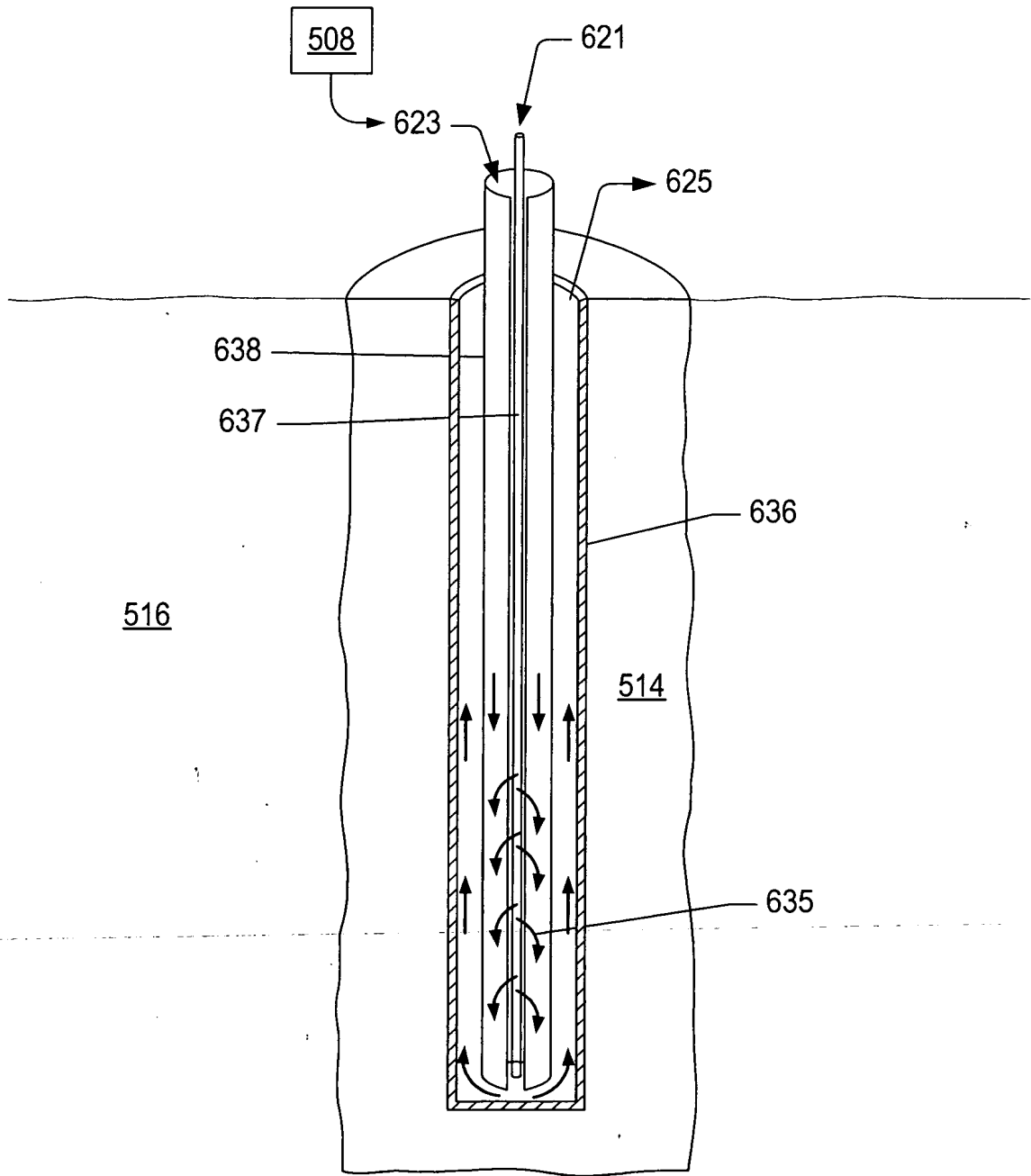


FIG. 28

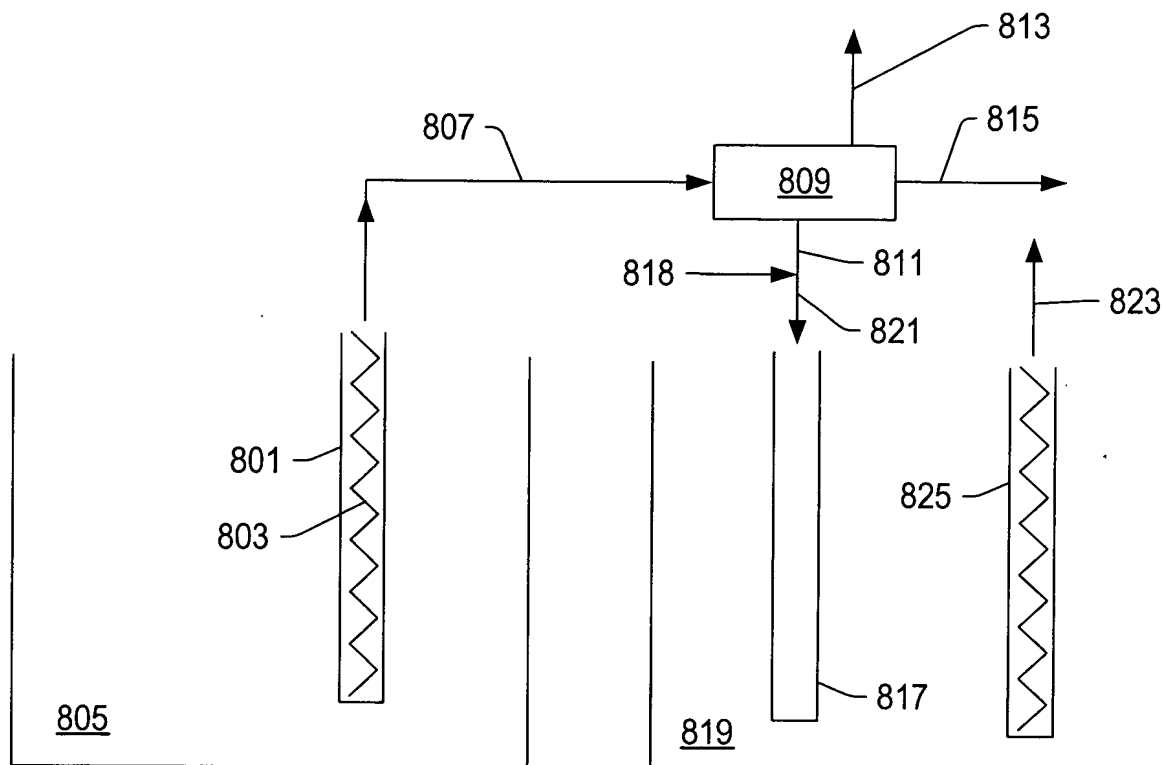


FIG. 29

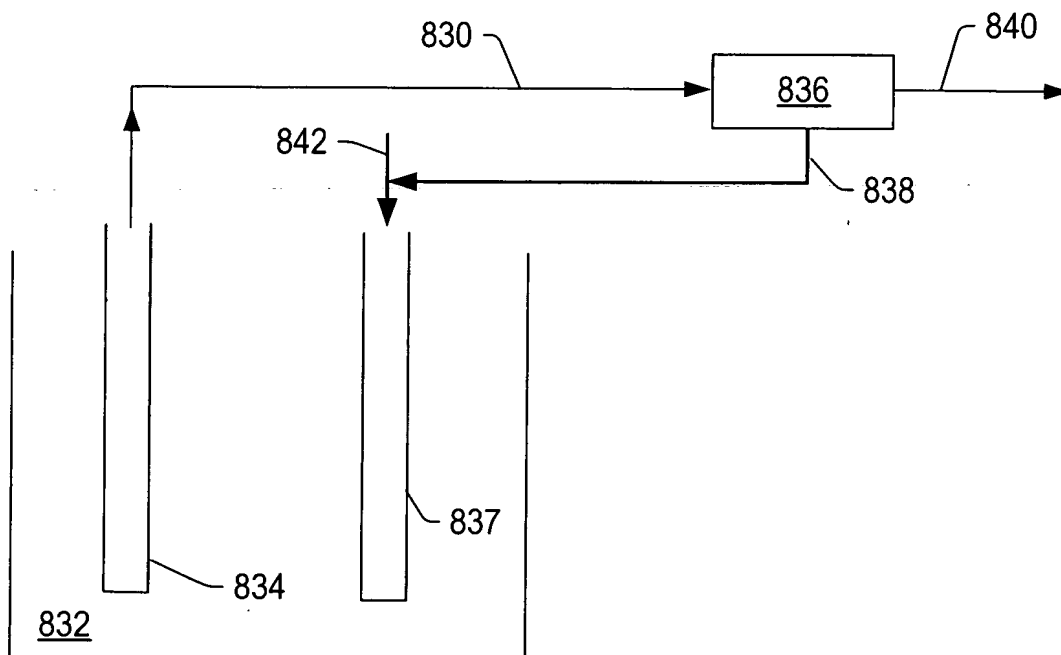


FIG. 30

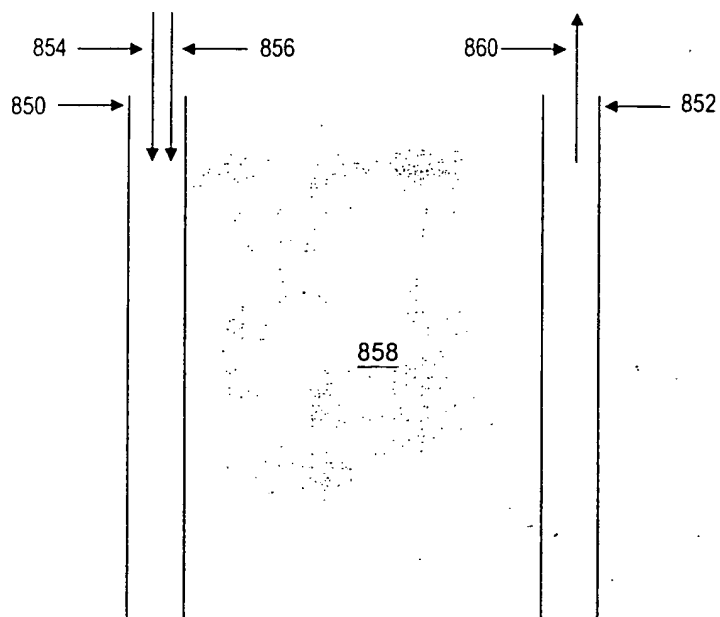


FIG. 31

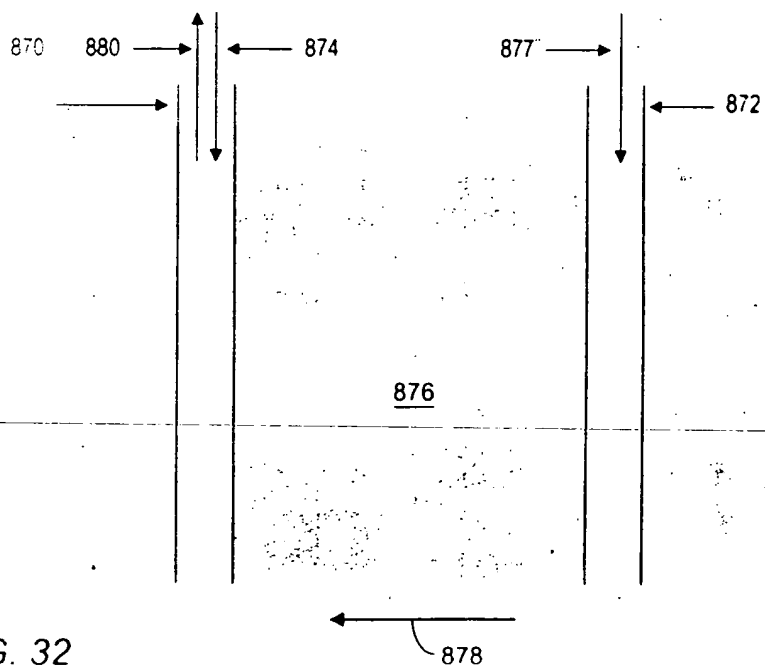


FIG. 32

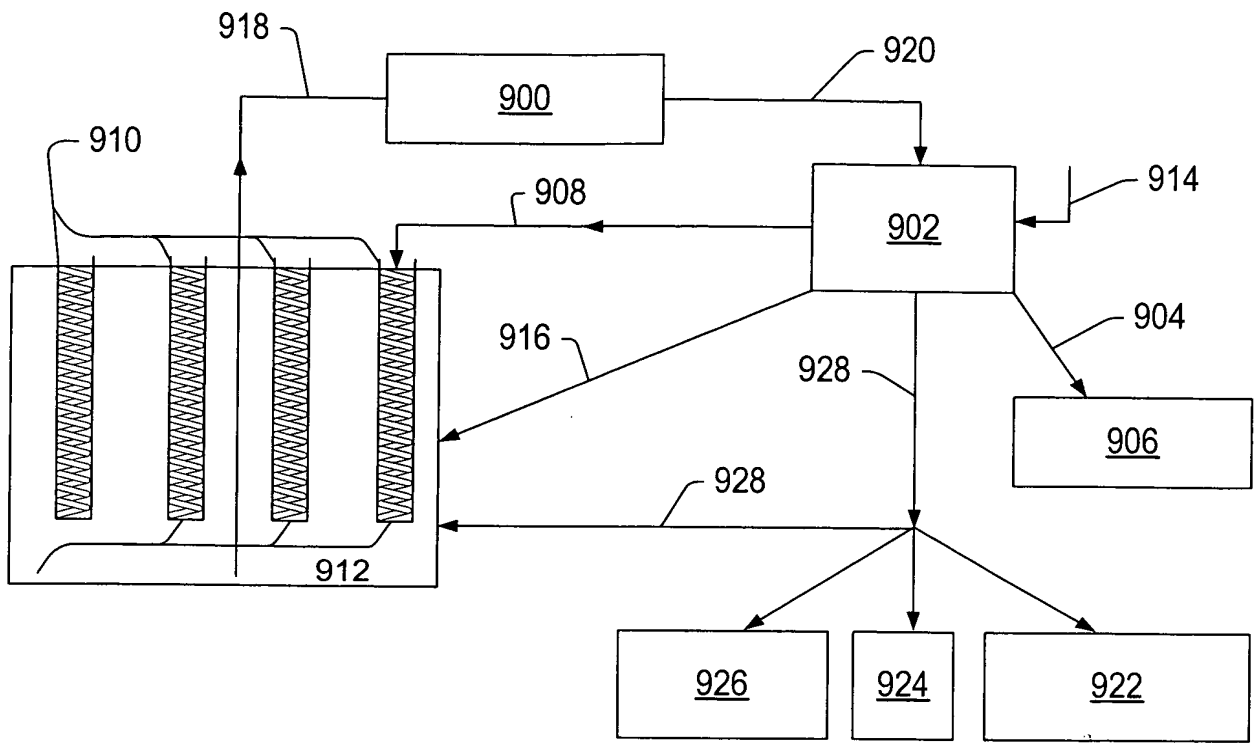


FIG. 33

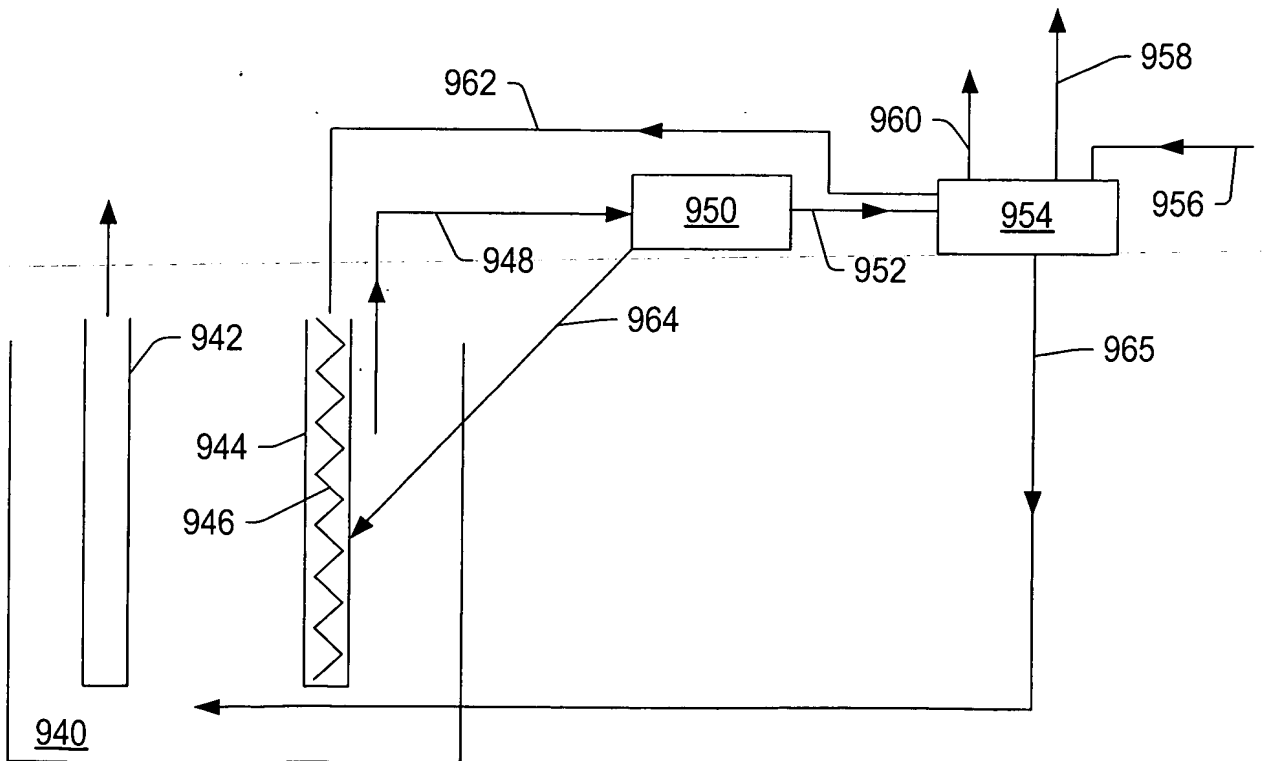


FIG. 34

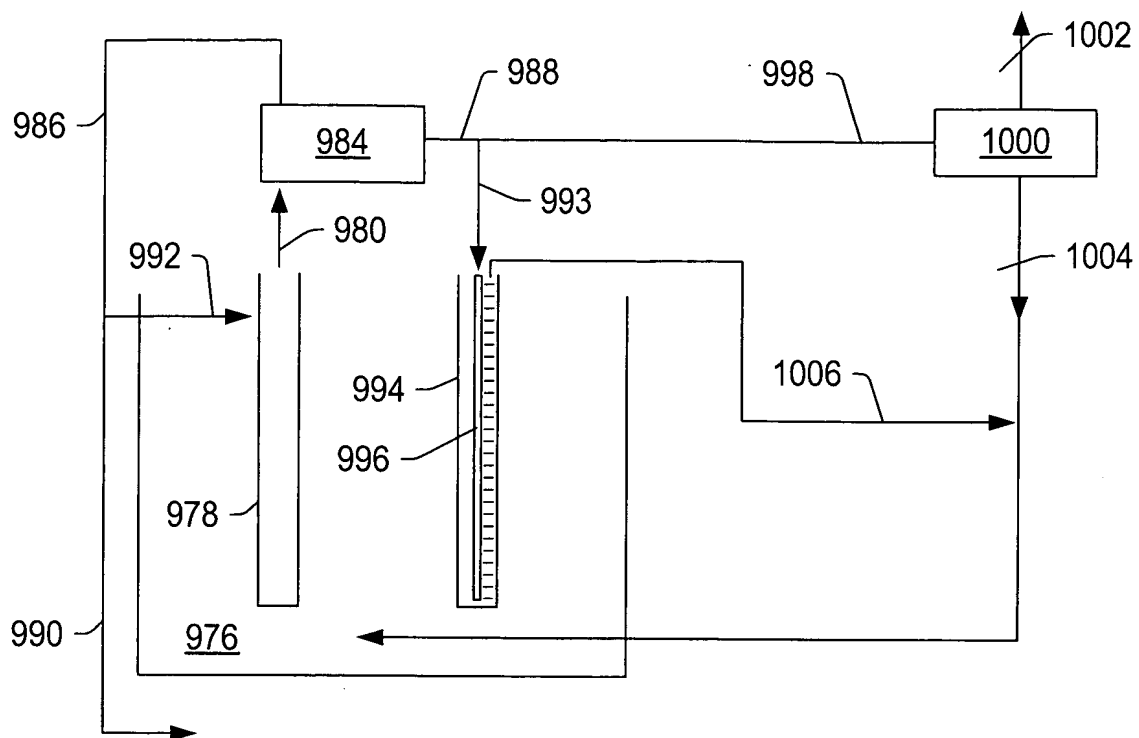


FIG. 35

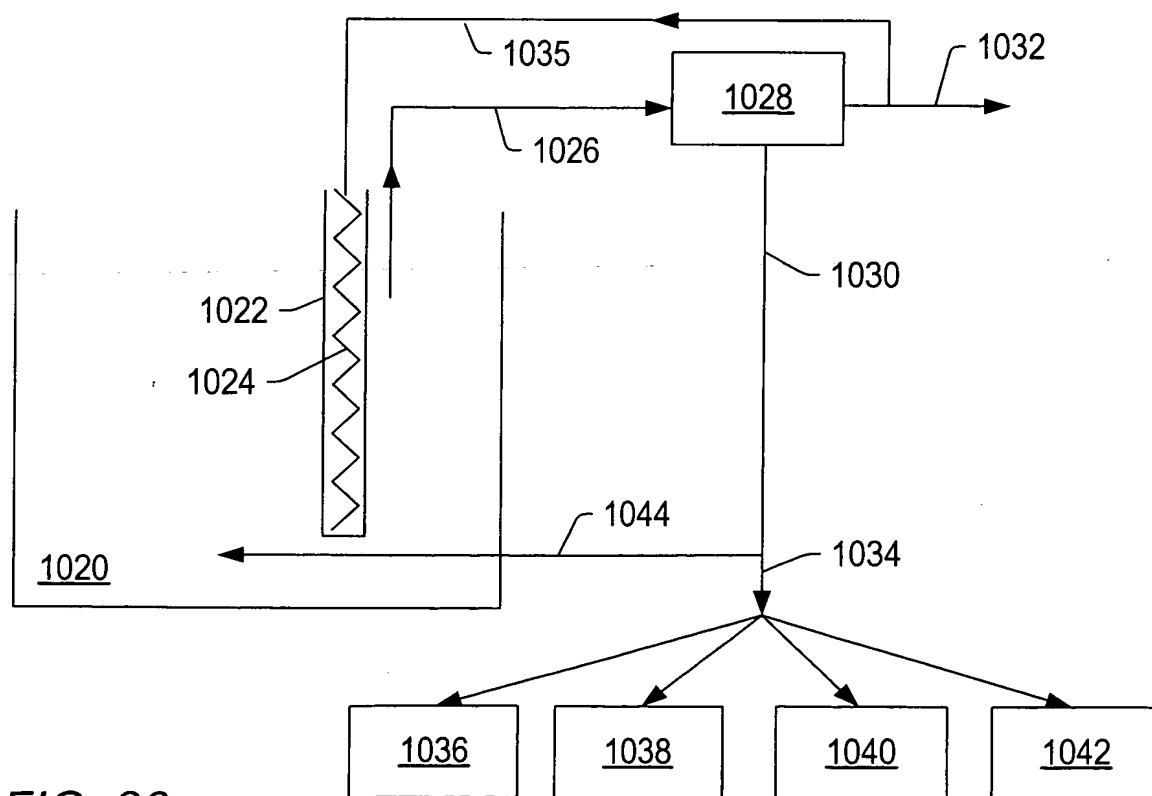


FIG. 36

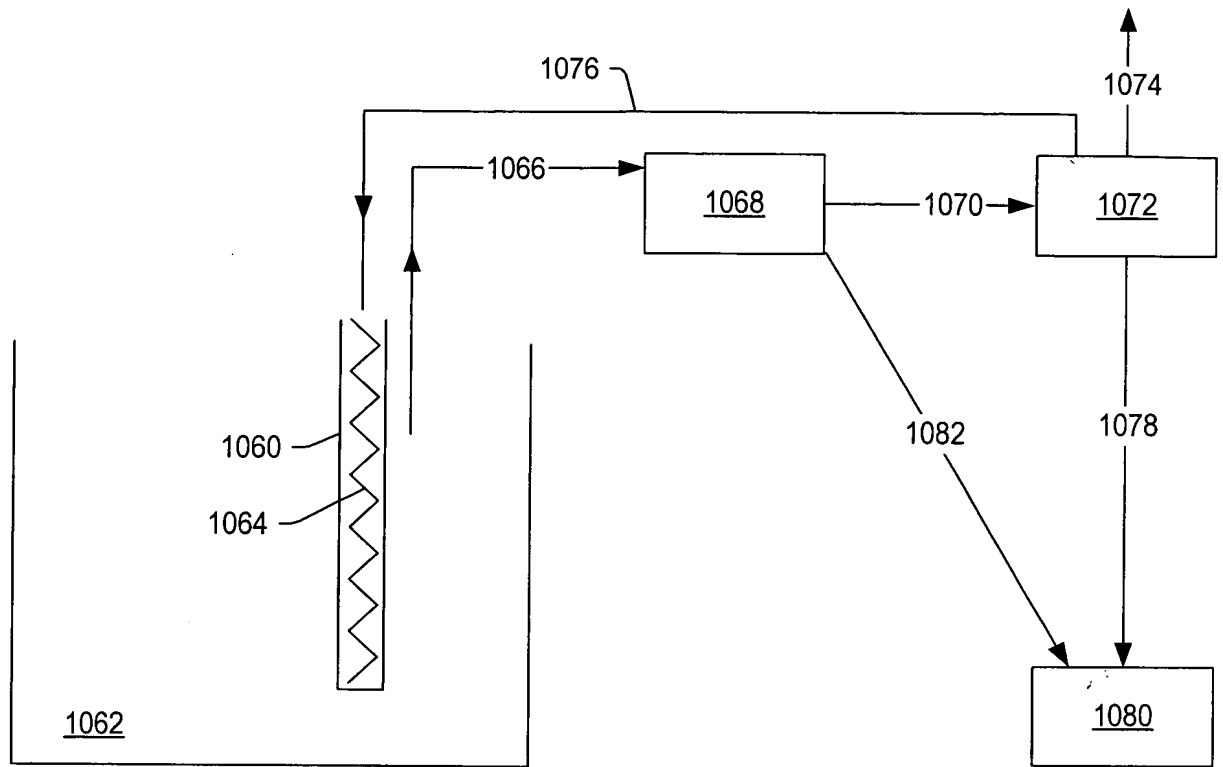


FIG. 37

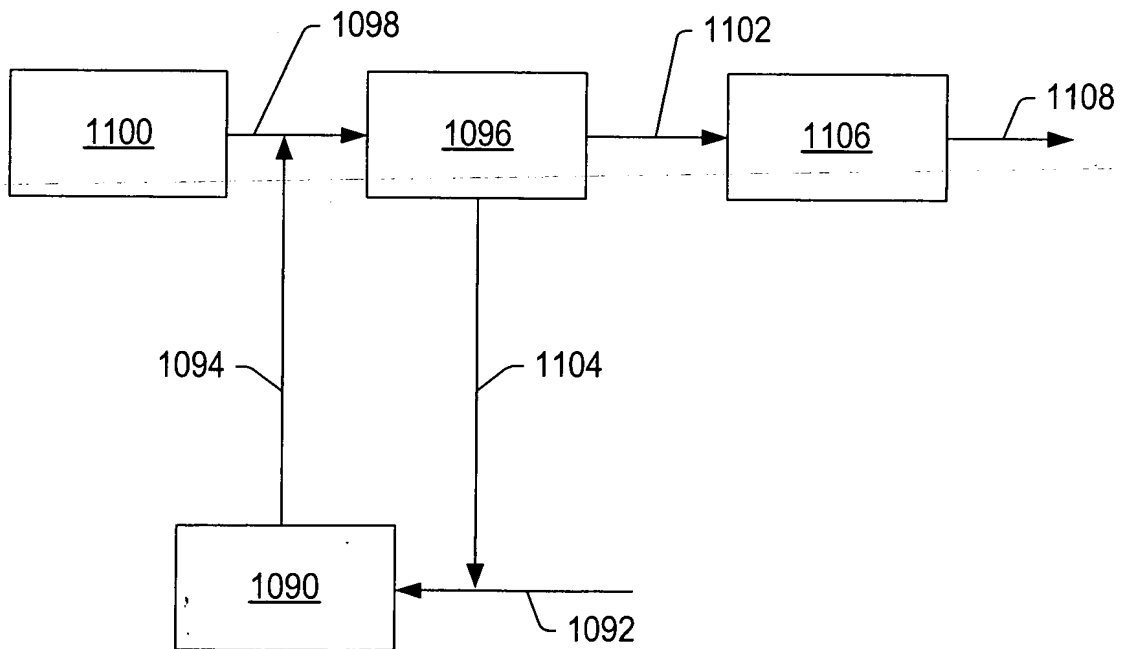


FIG. 38

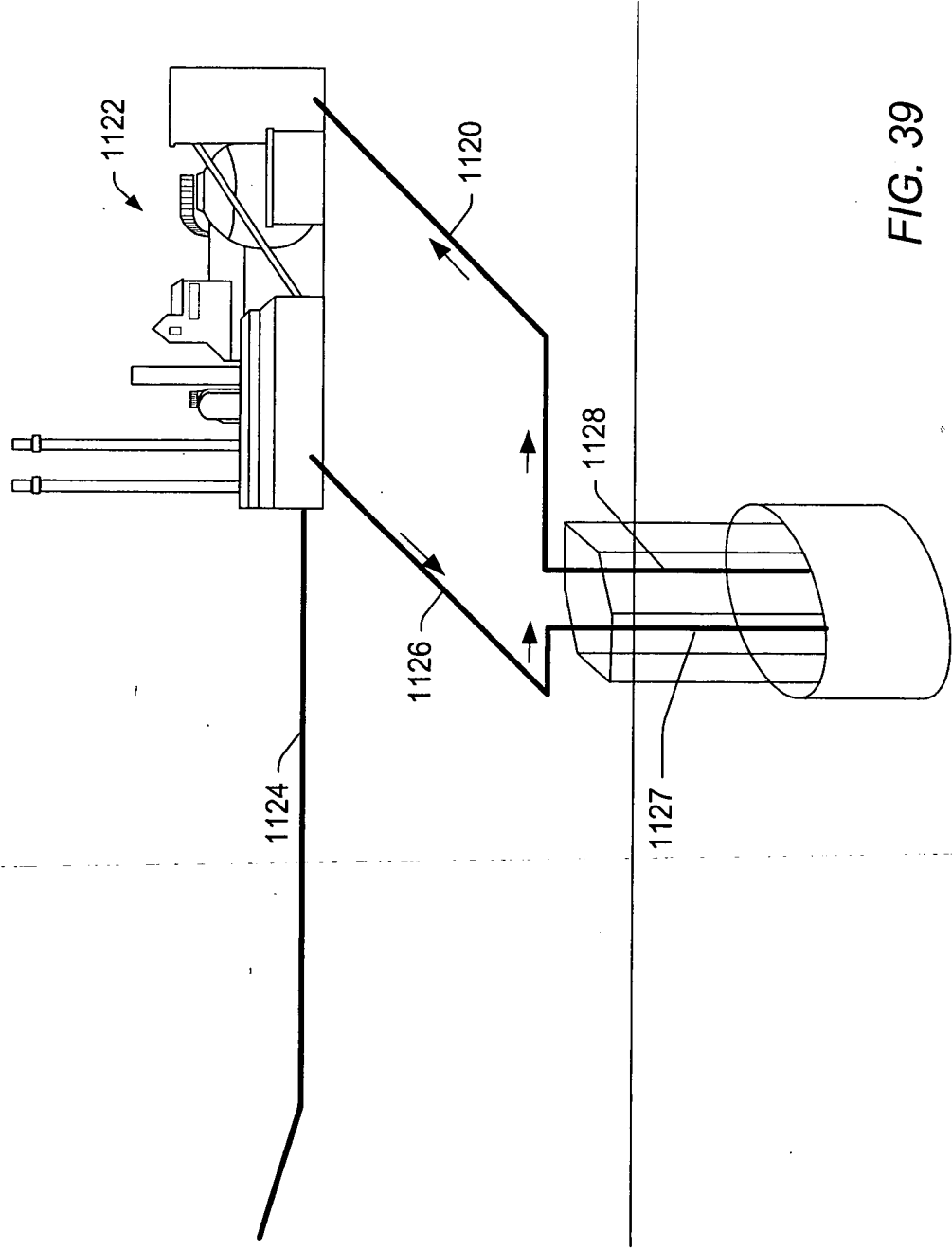


FIG. 39

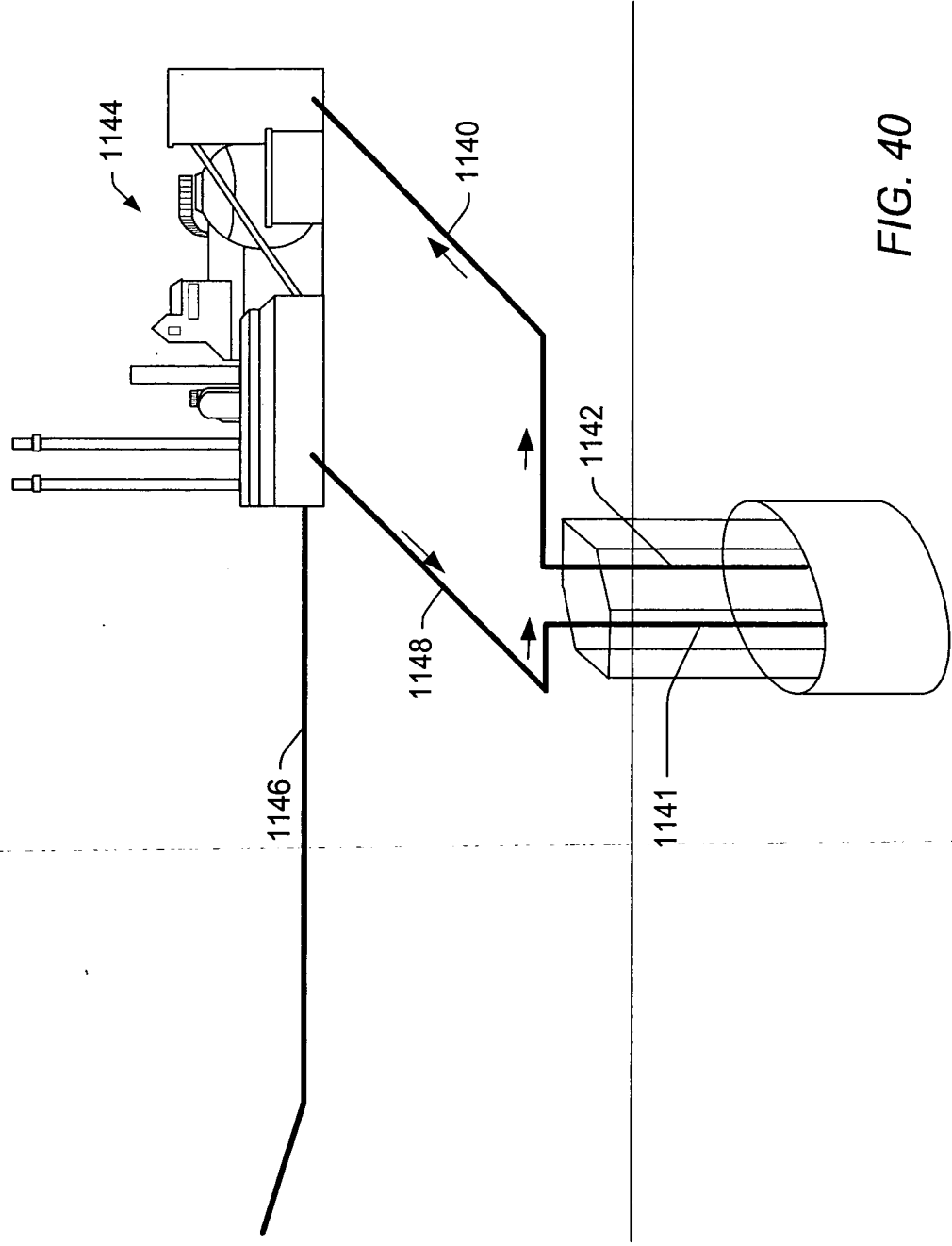


FIG. 40

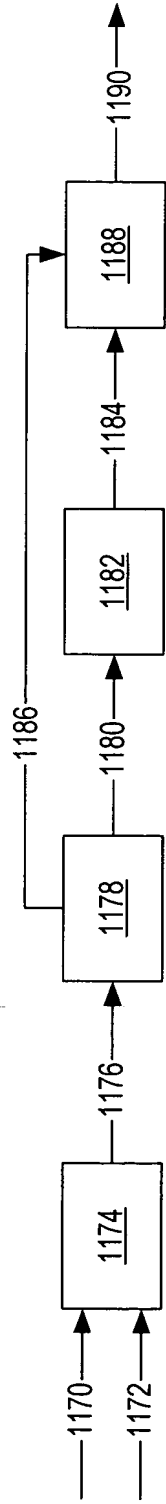


FIG. 41

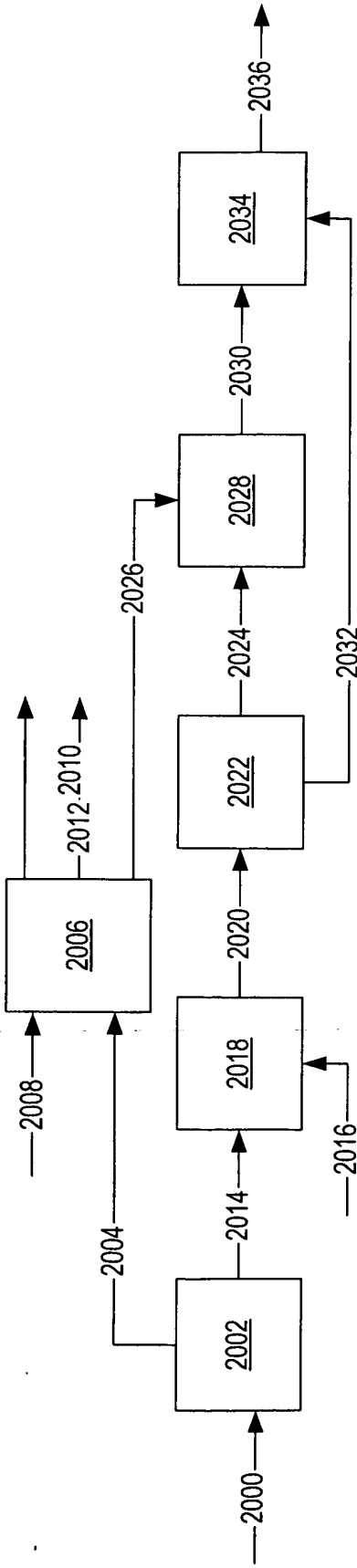


FIG. 42

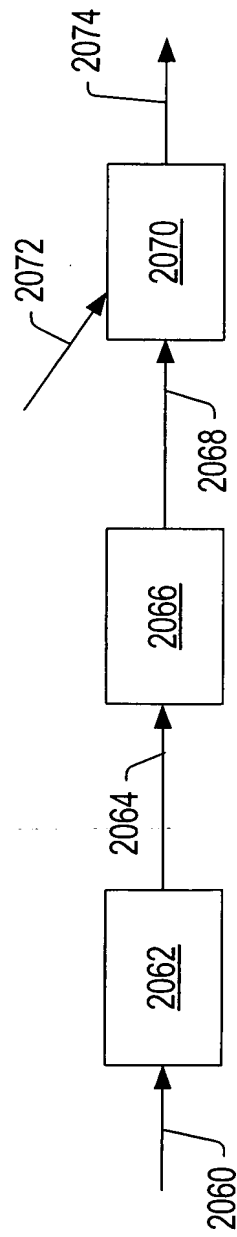


FIG. 43

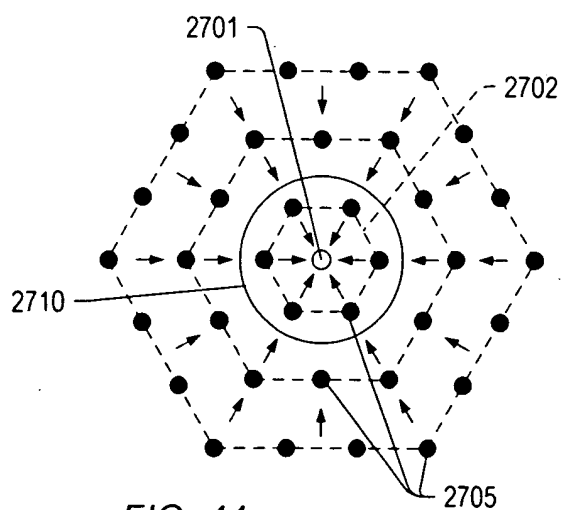


FIG. 44

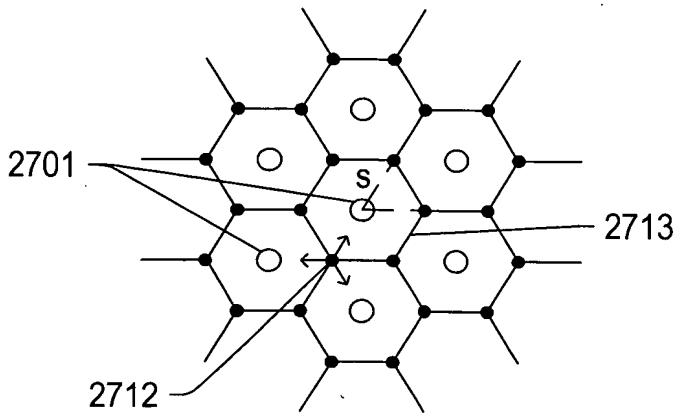


FIG. 45

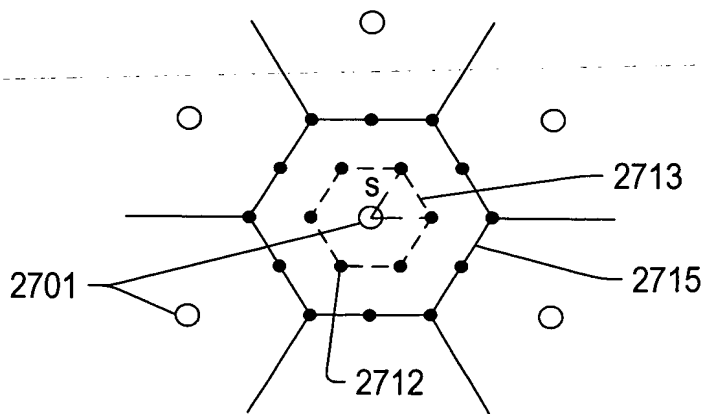


FIG. 46

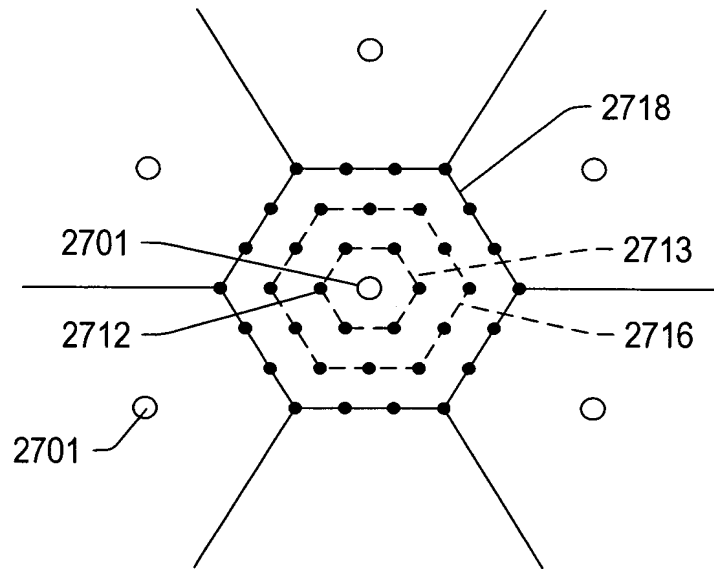


FIG. 47

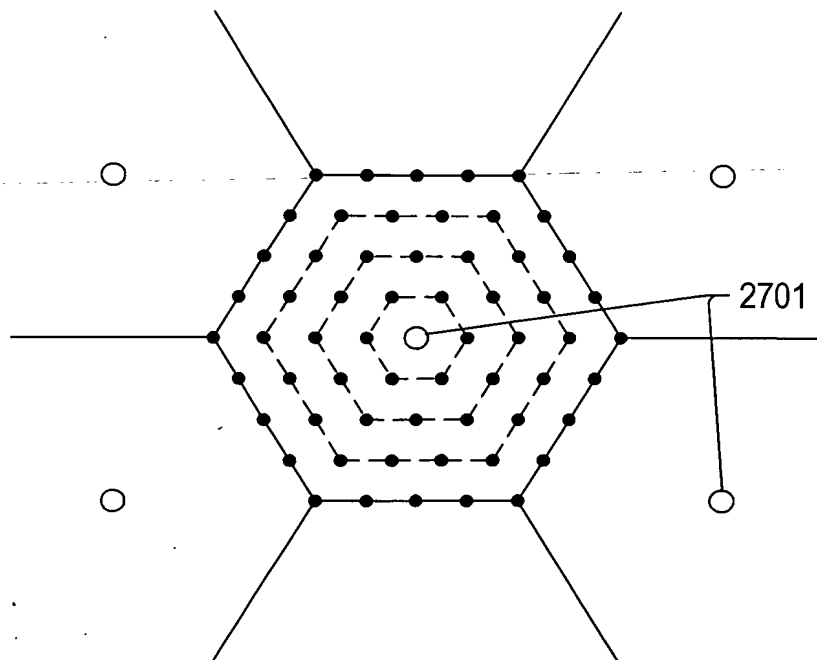


FIG. 48

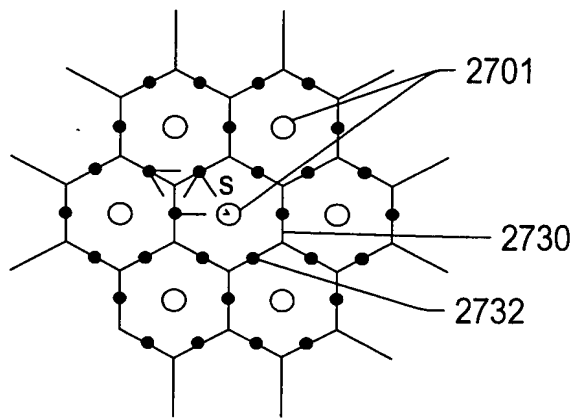


FIG. 49

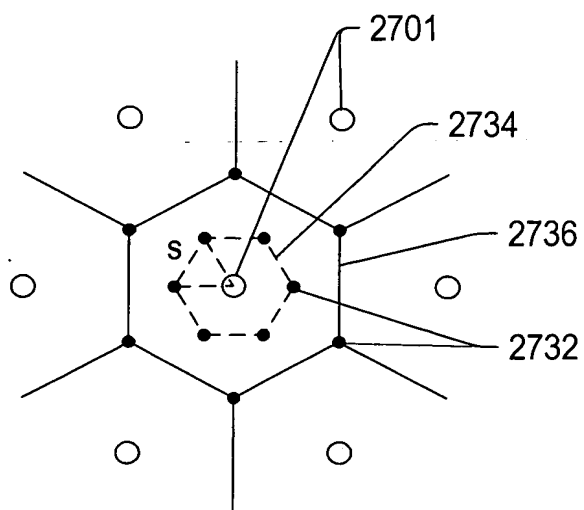


FIG. 50

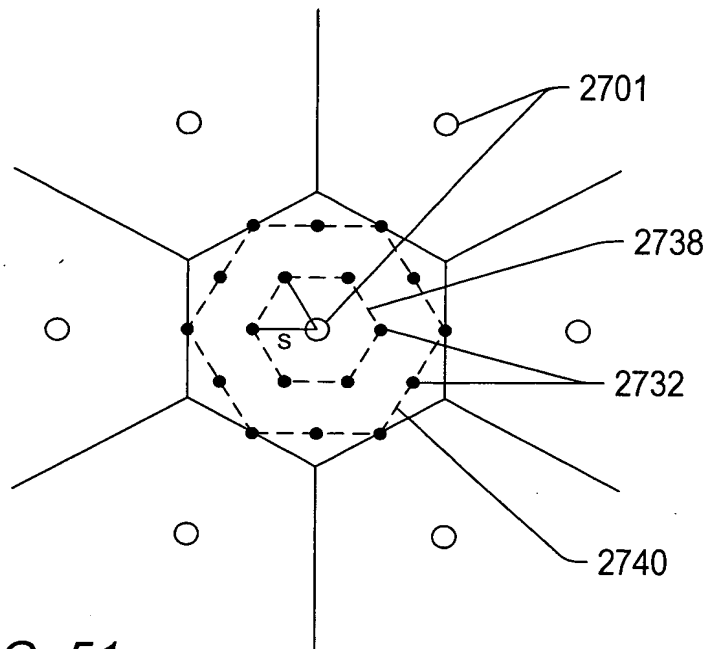


FIG. 51

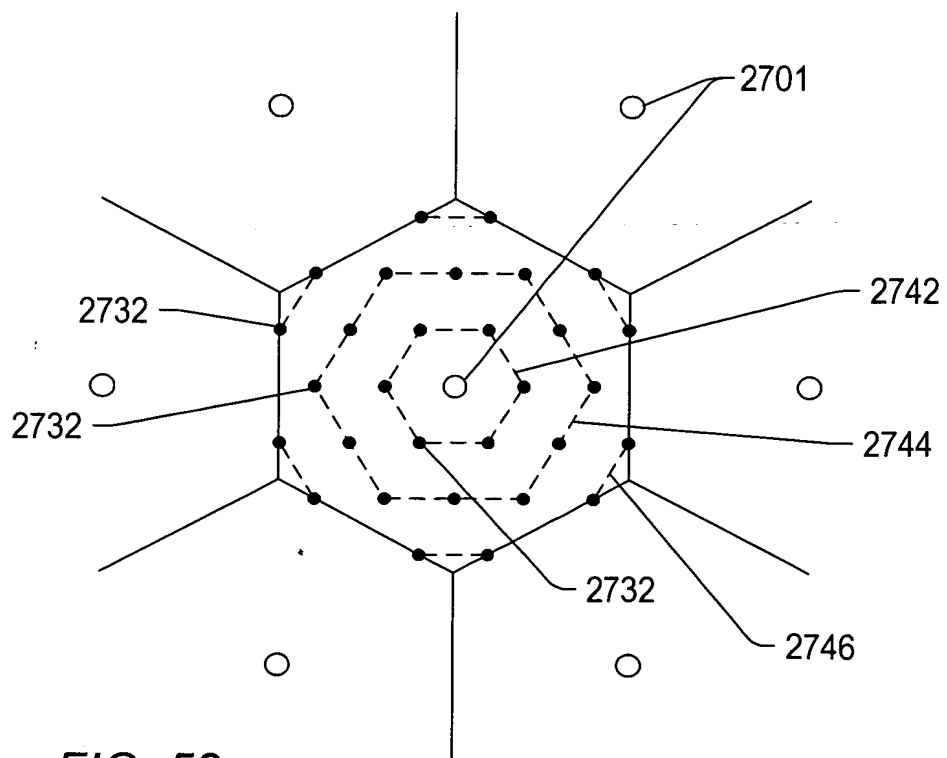


FIG. 52

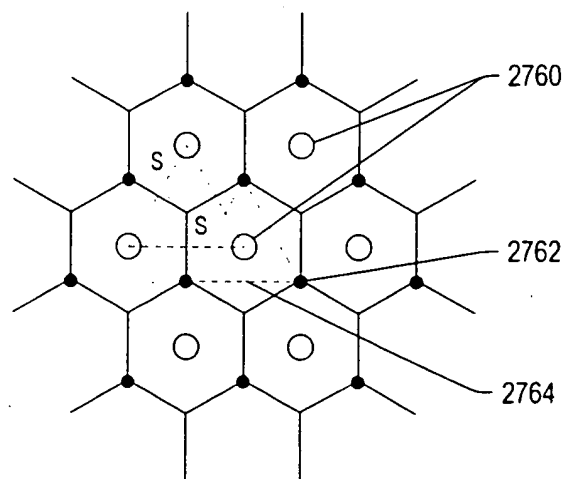


FIG. 53

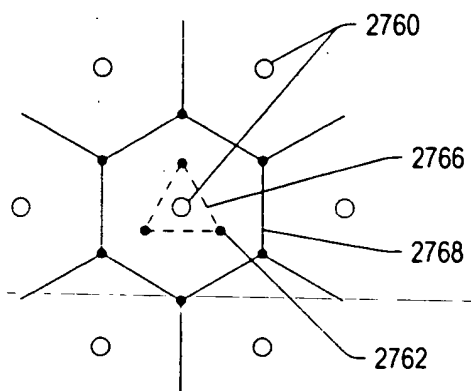


FIG. 54

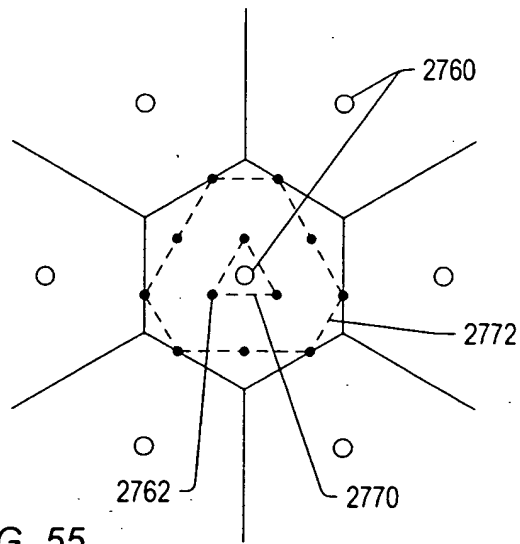


FIG. 55

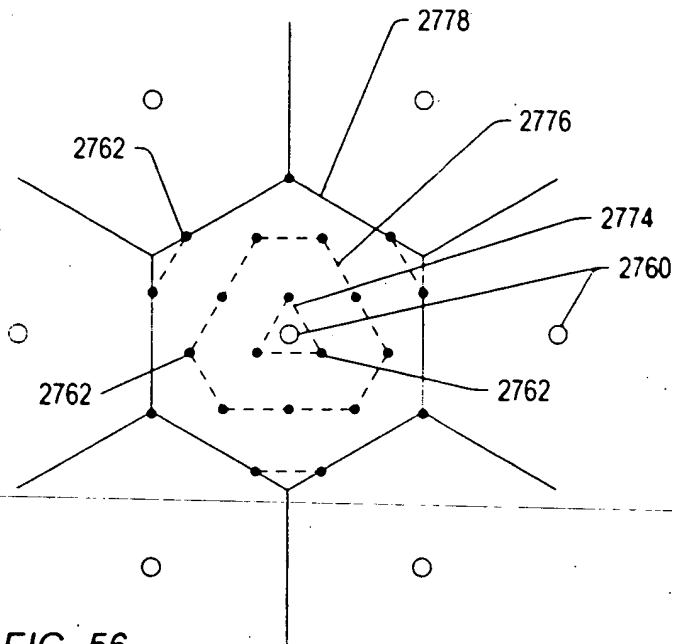


FIG. 56

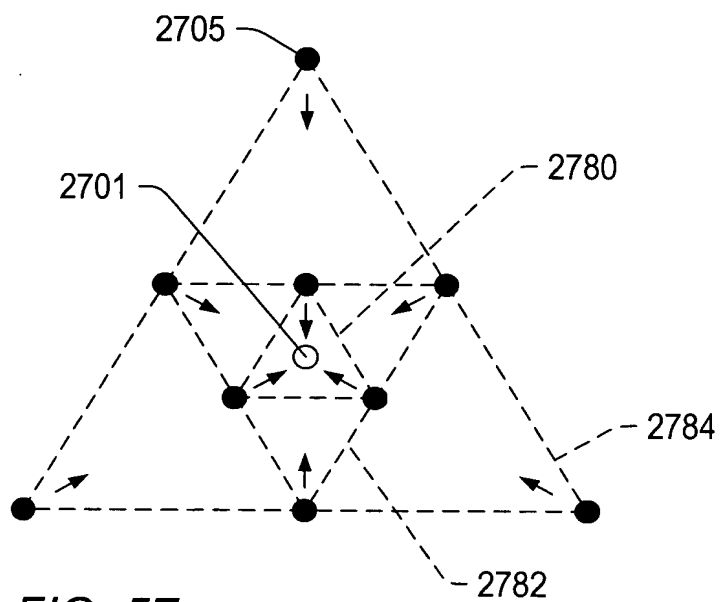


FIG. 57

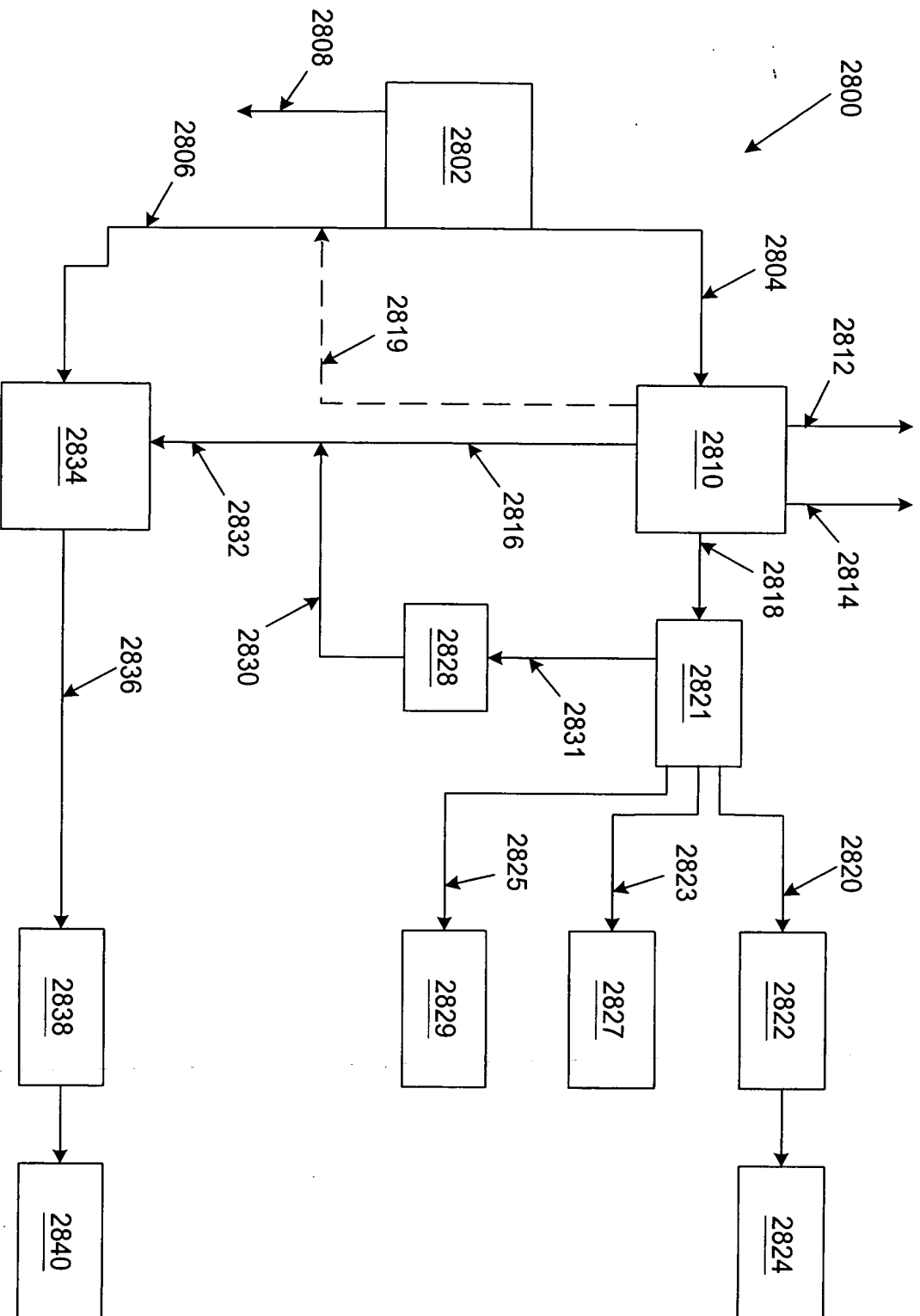
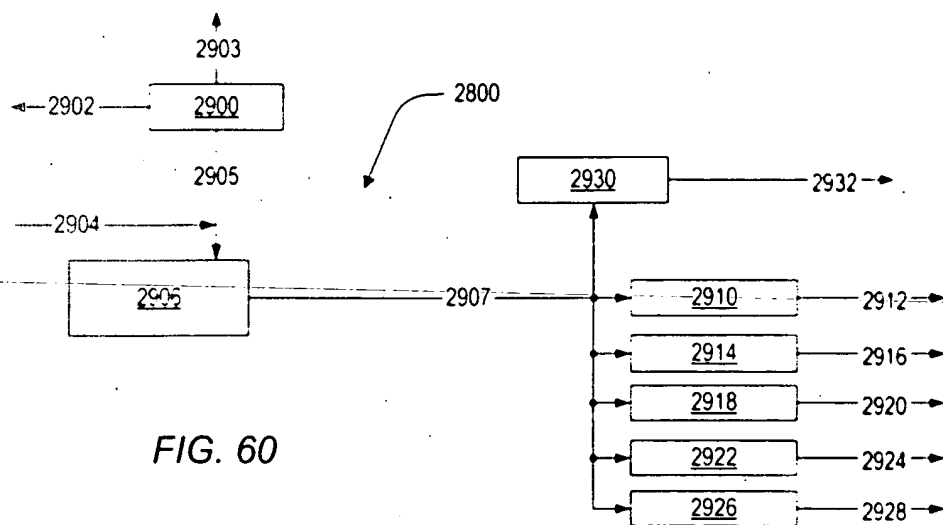
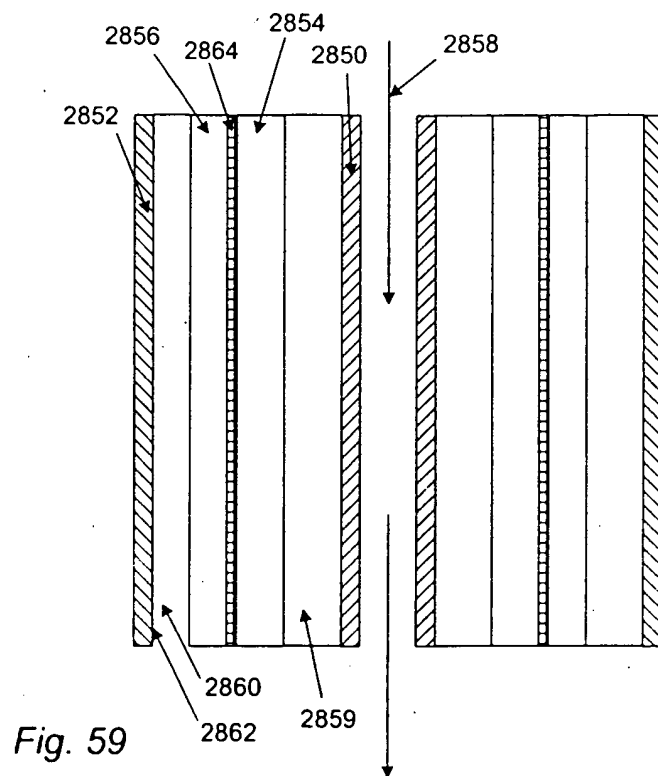


Fig. 58



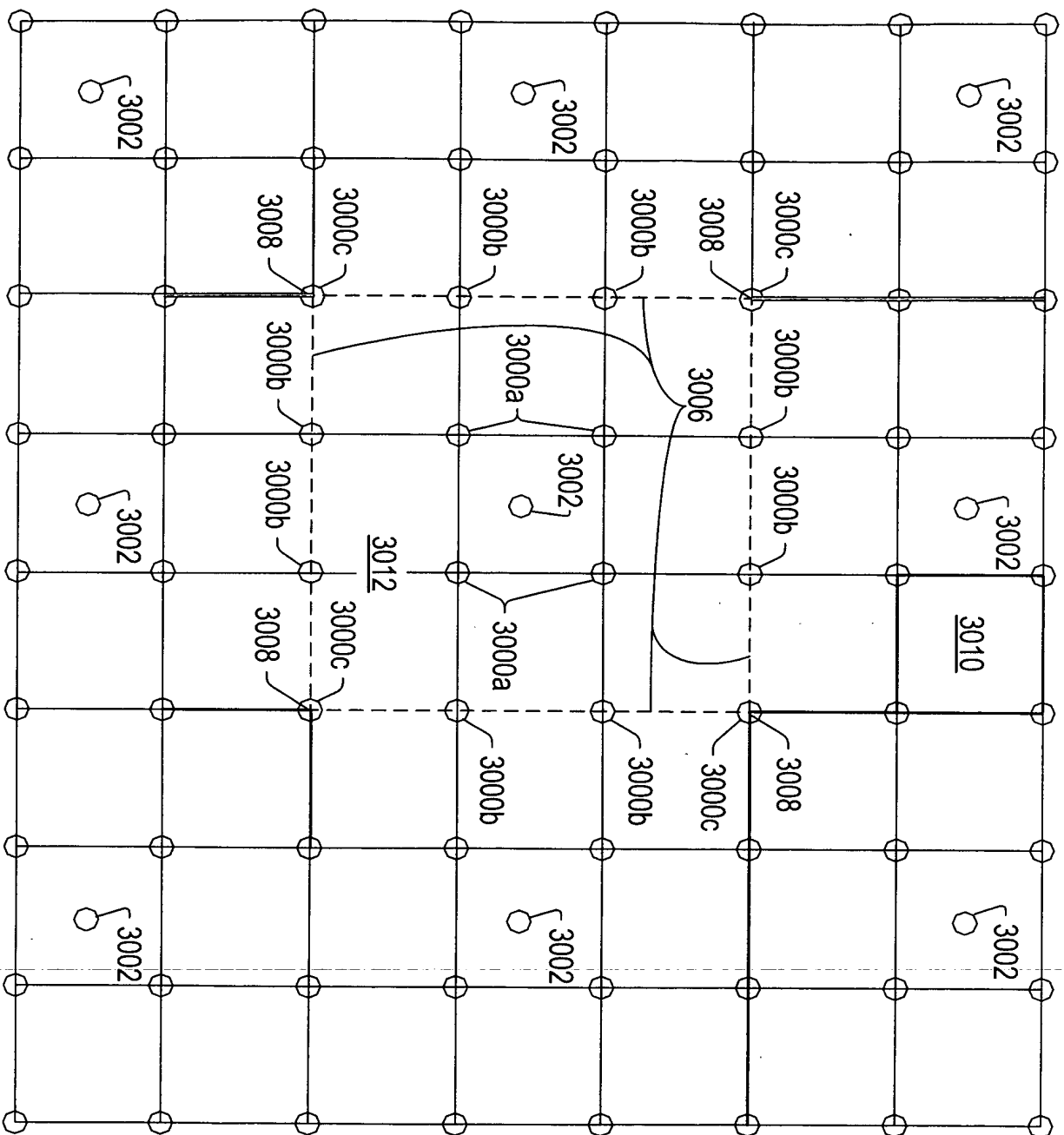


FIG. 61

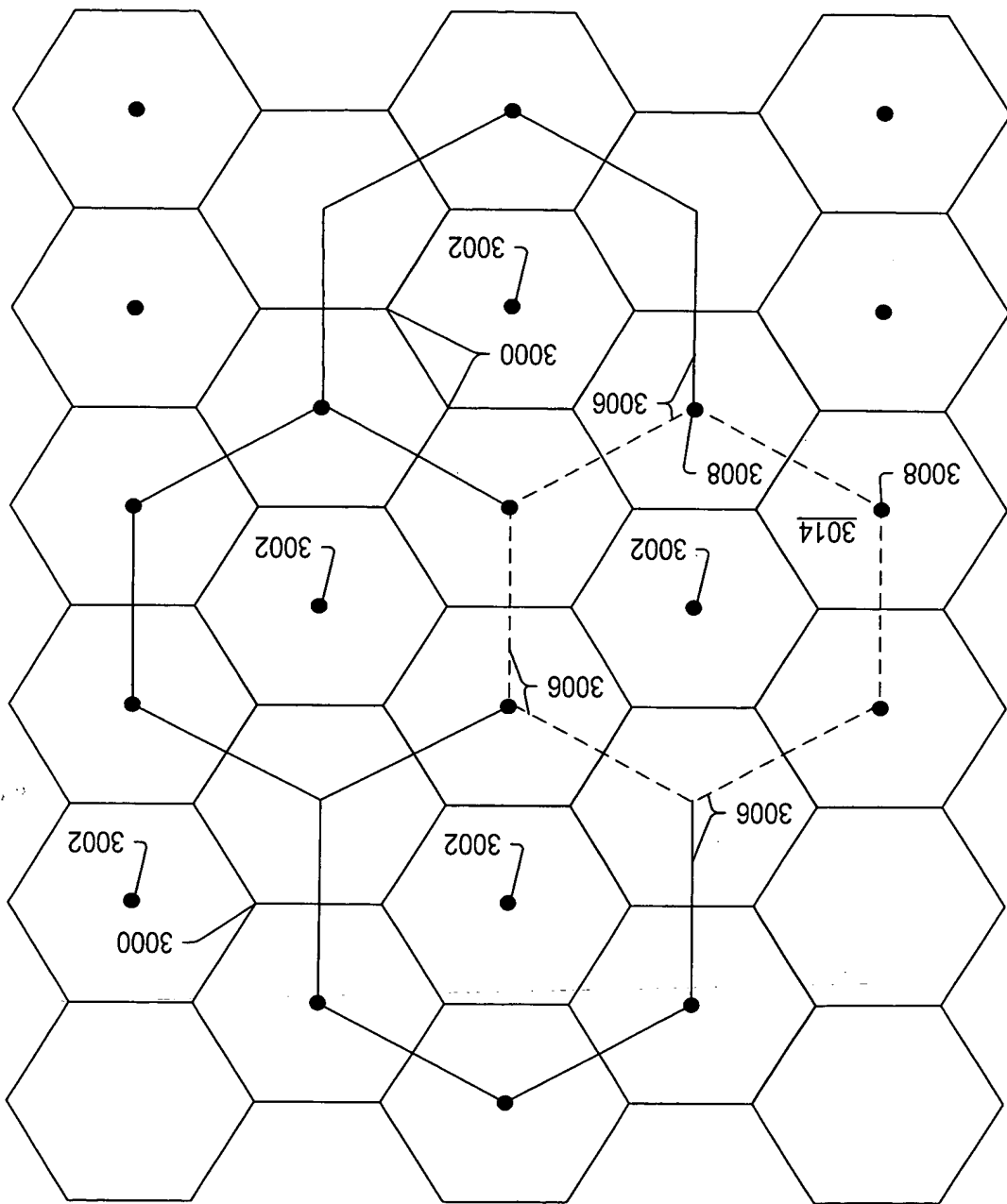


FIG. 62

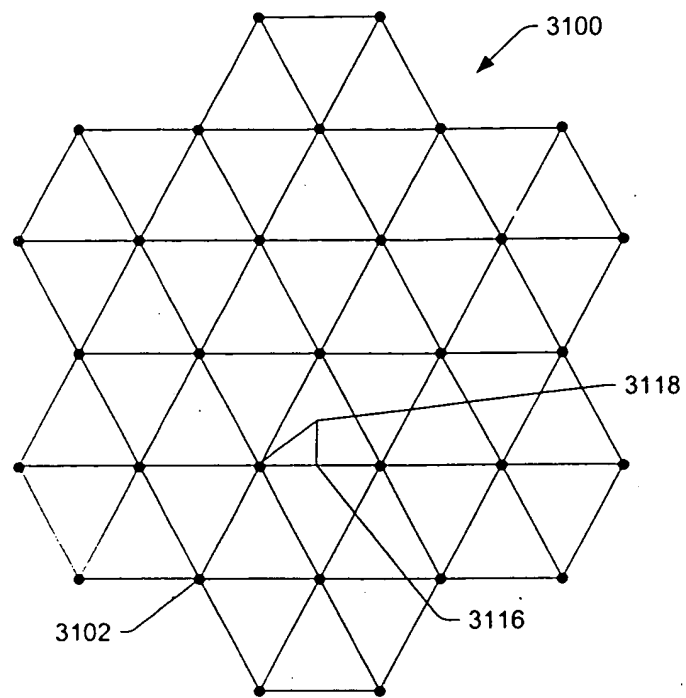


FIG. 63

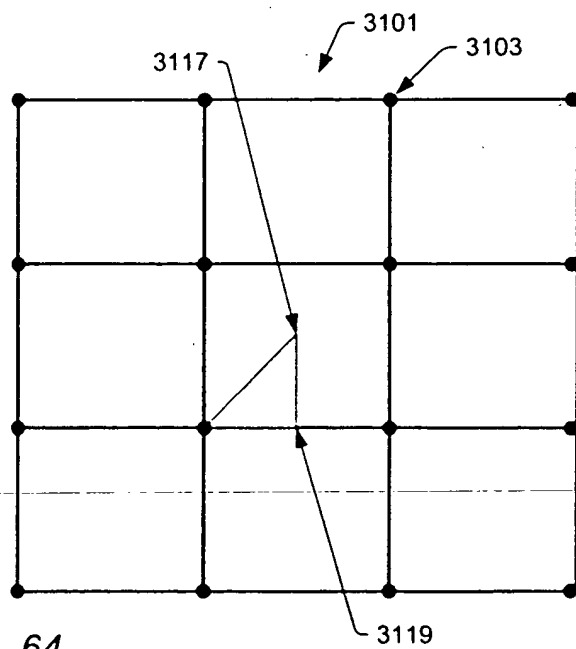


FIG. 64

FIG. 66

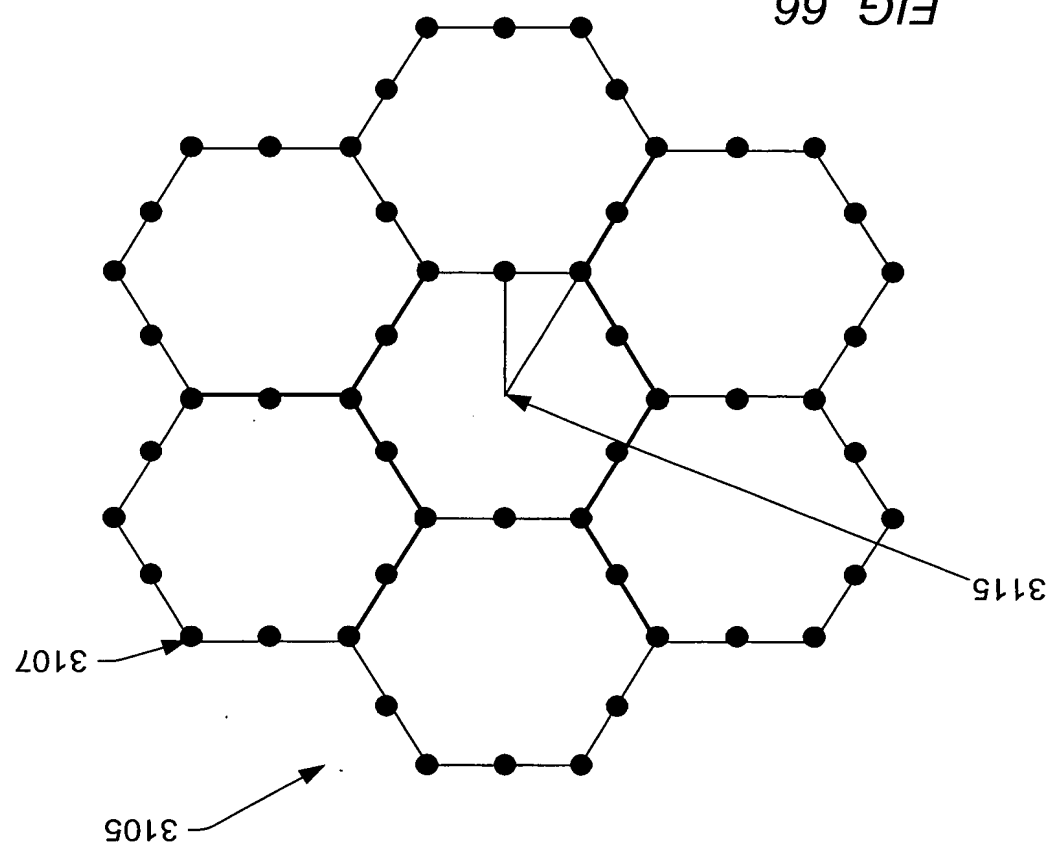
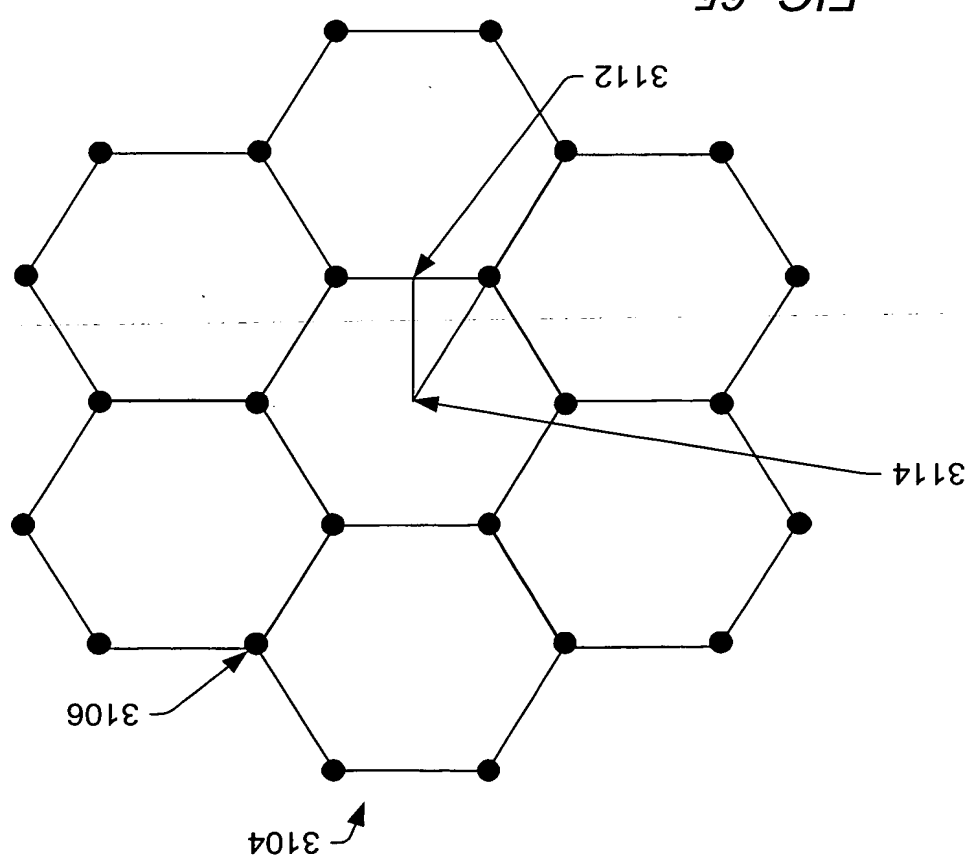


FIG. 65



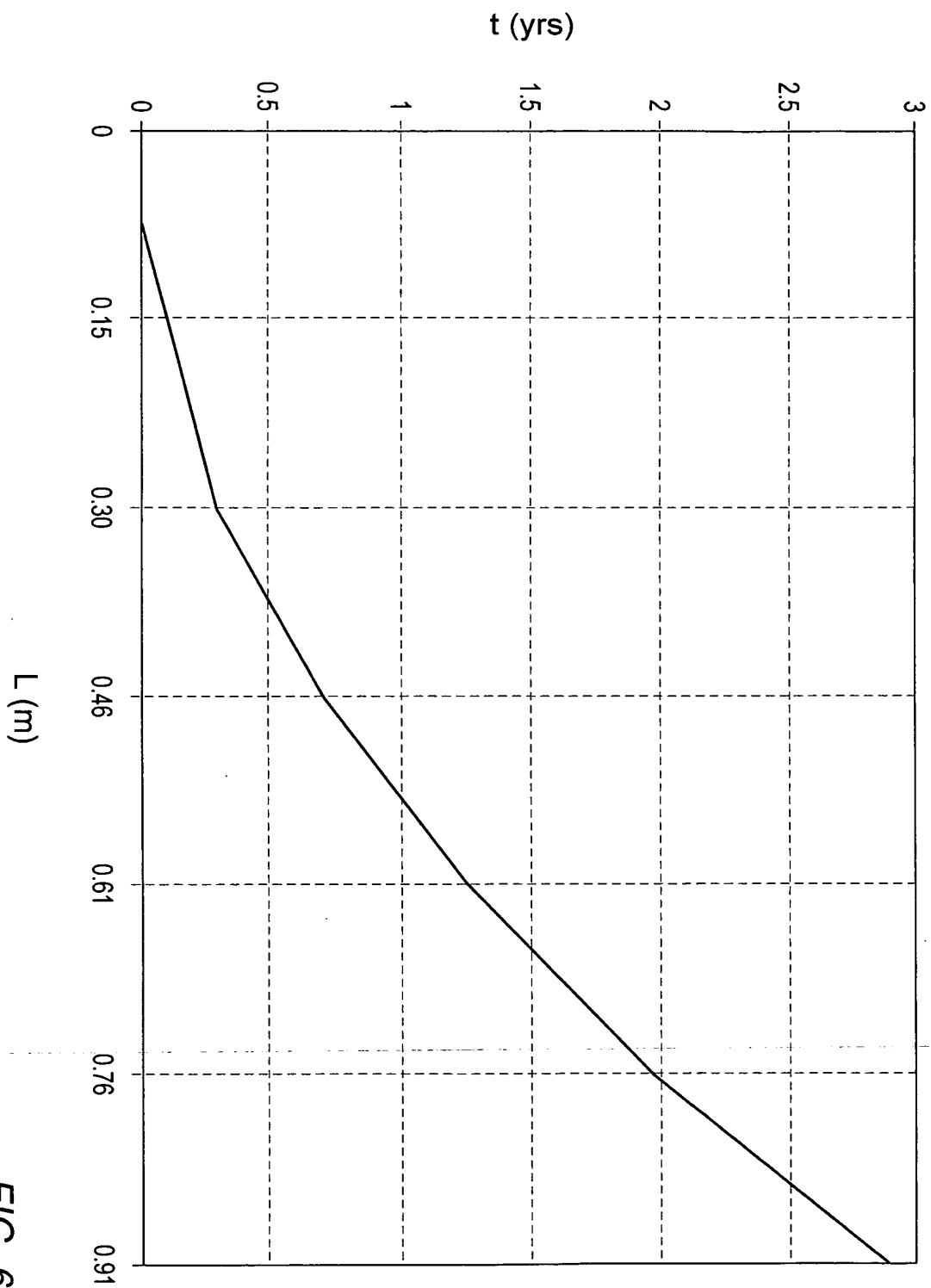


FIG. 67

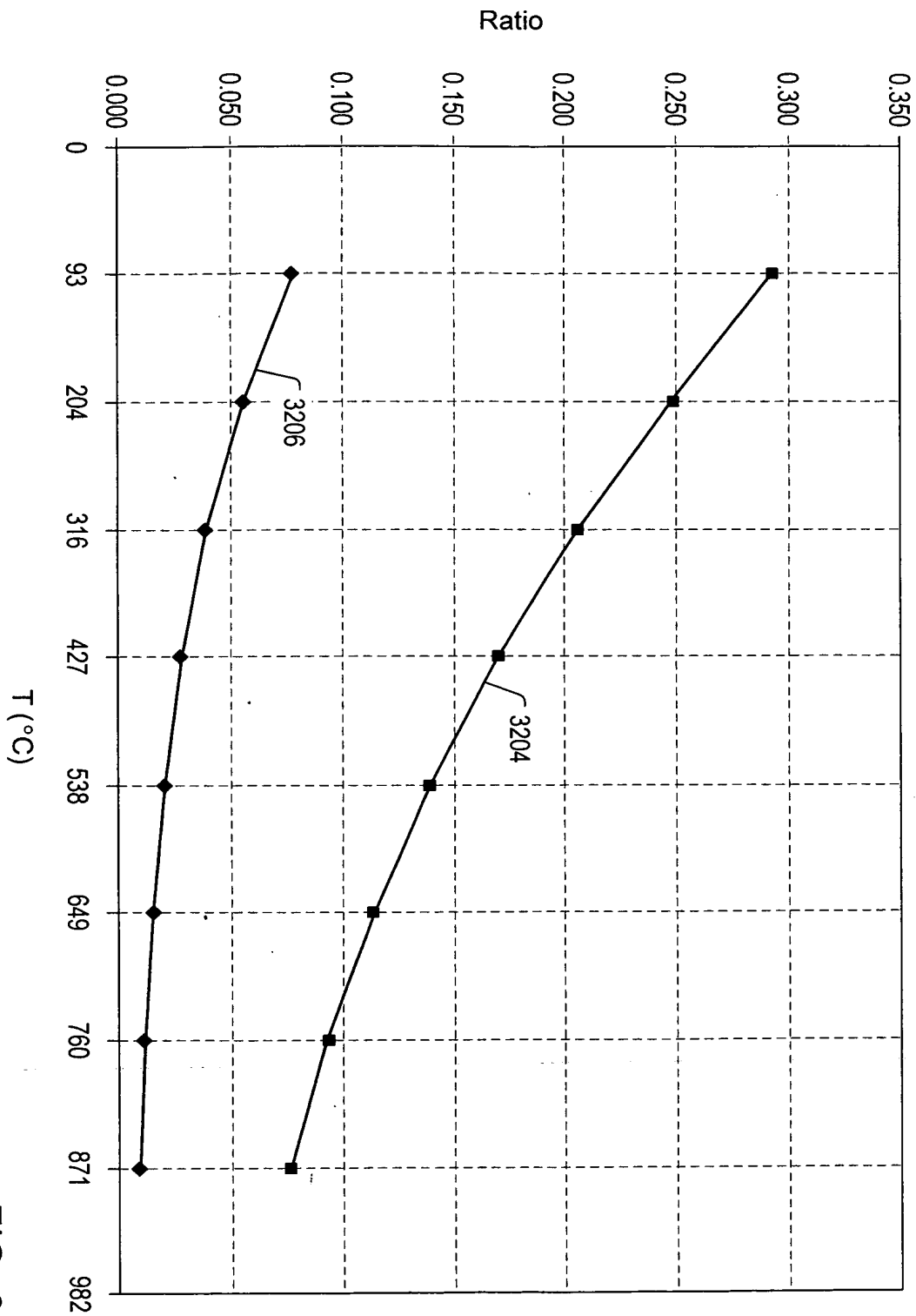


FIG. 68

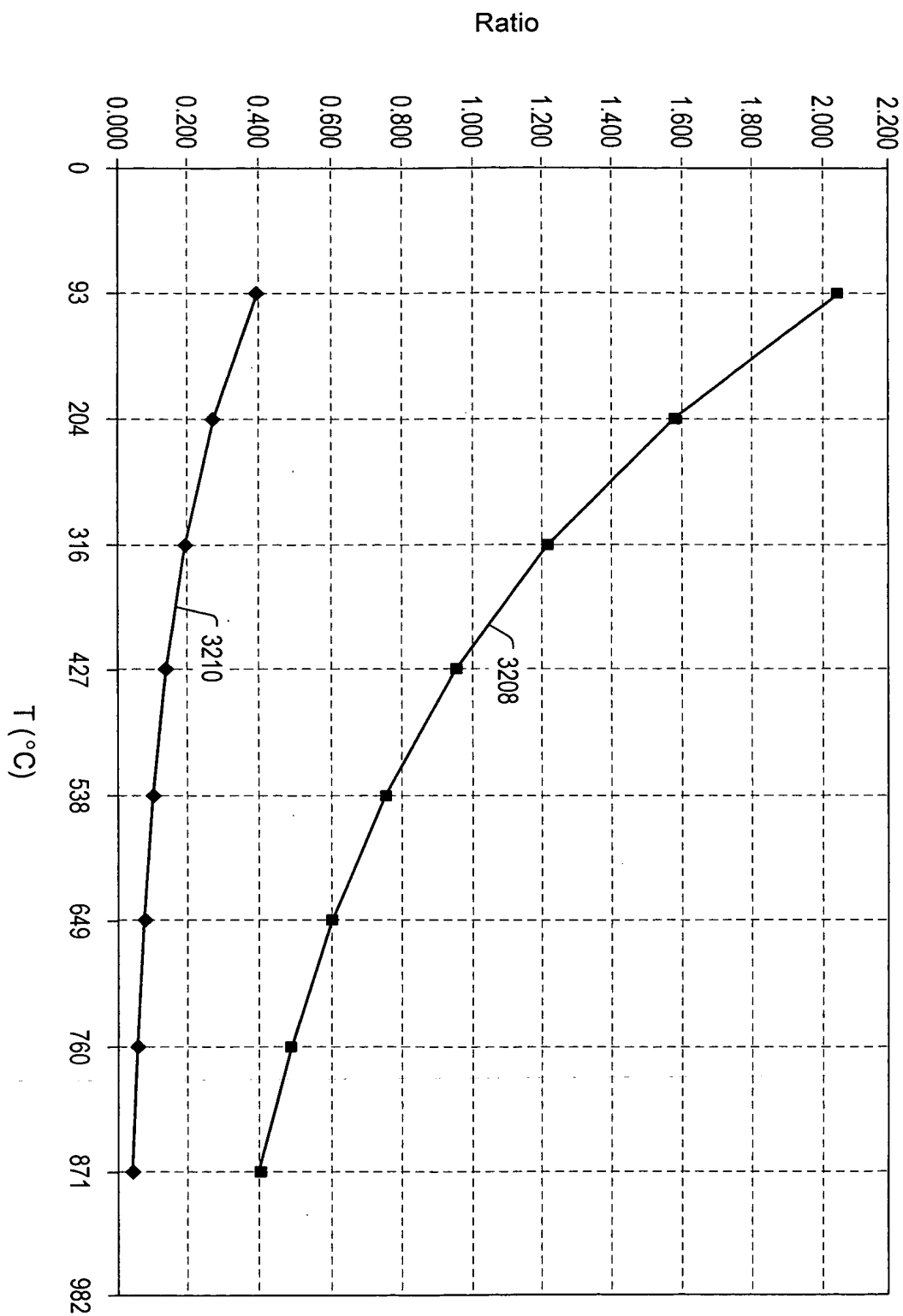


FIG. 69

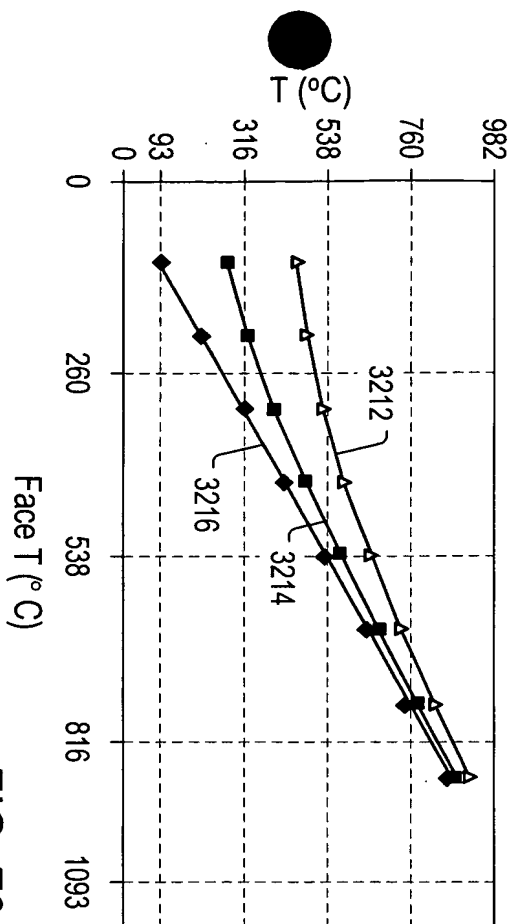


FIG. 70

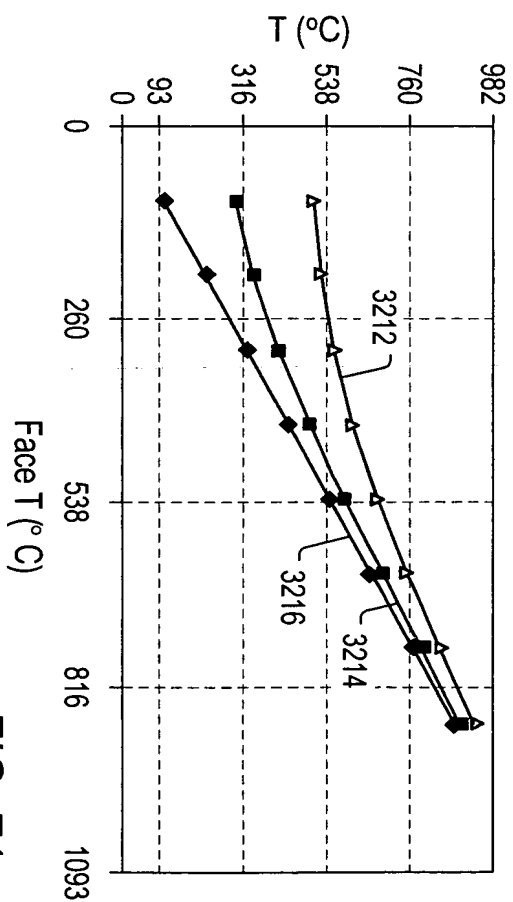


FIG. 71

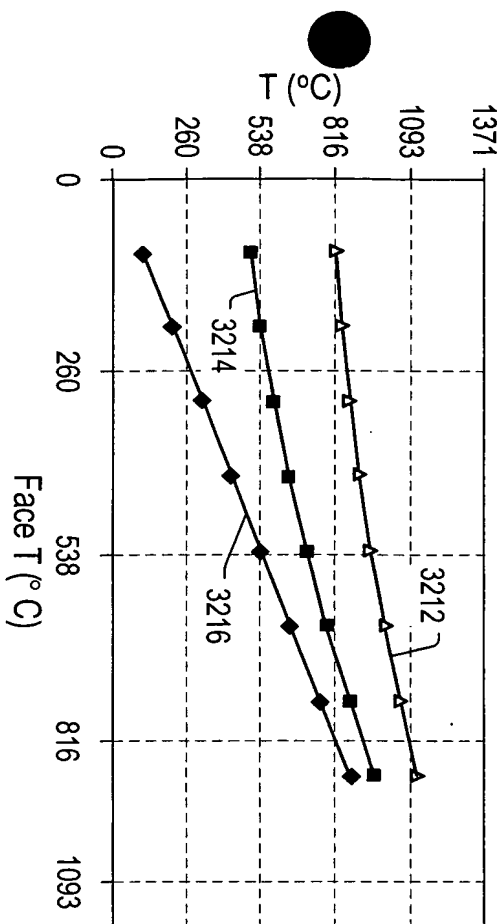


FIG. 72

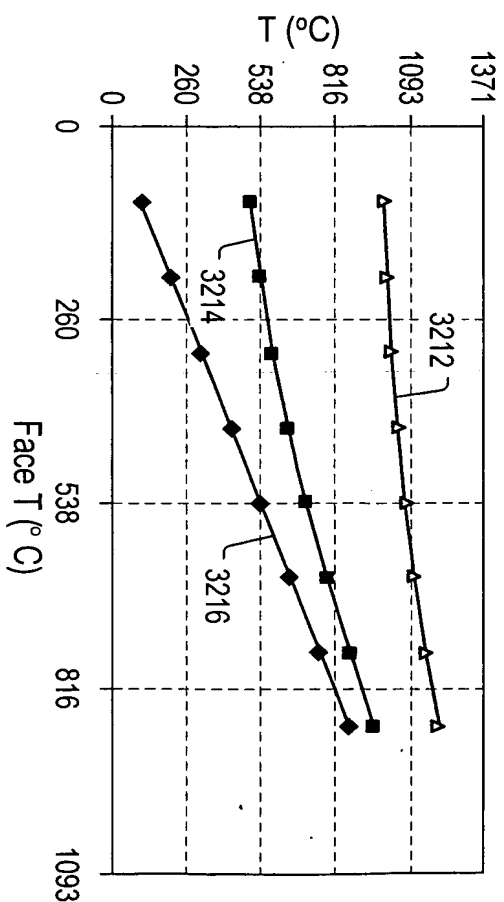


FIG. 73

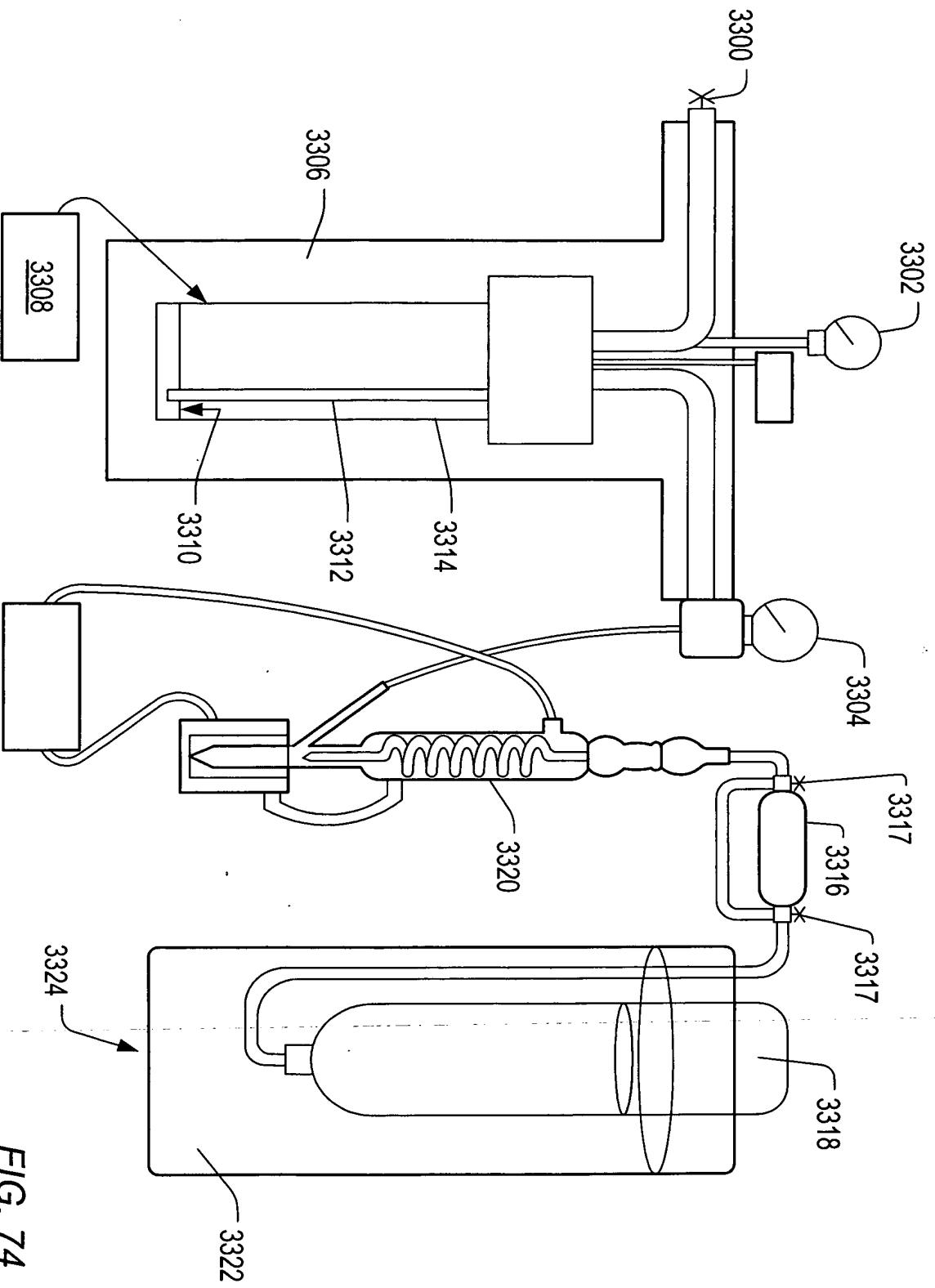


FIG. 74

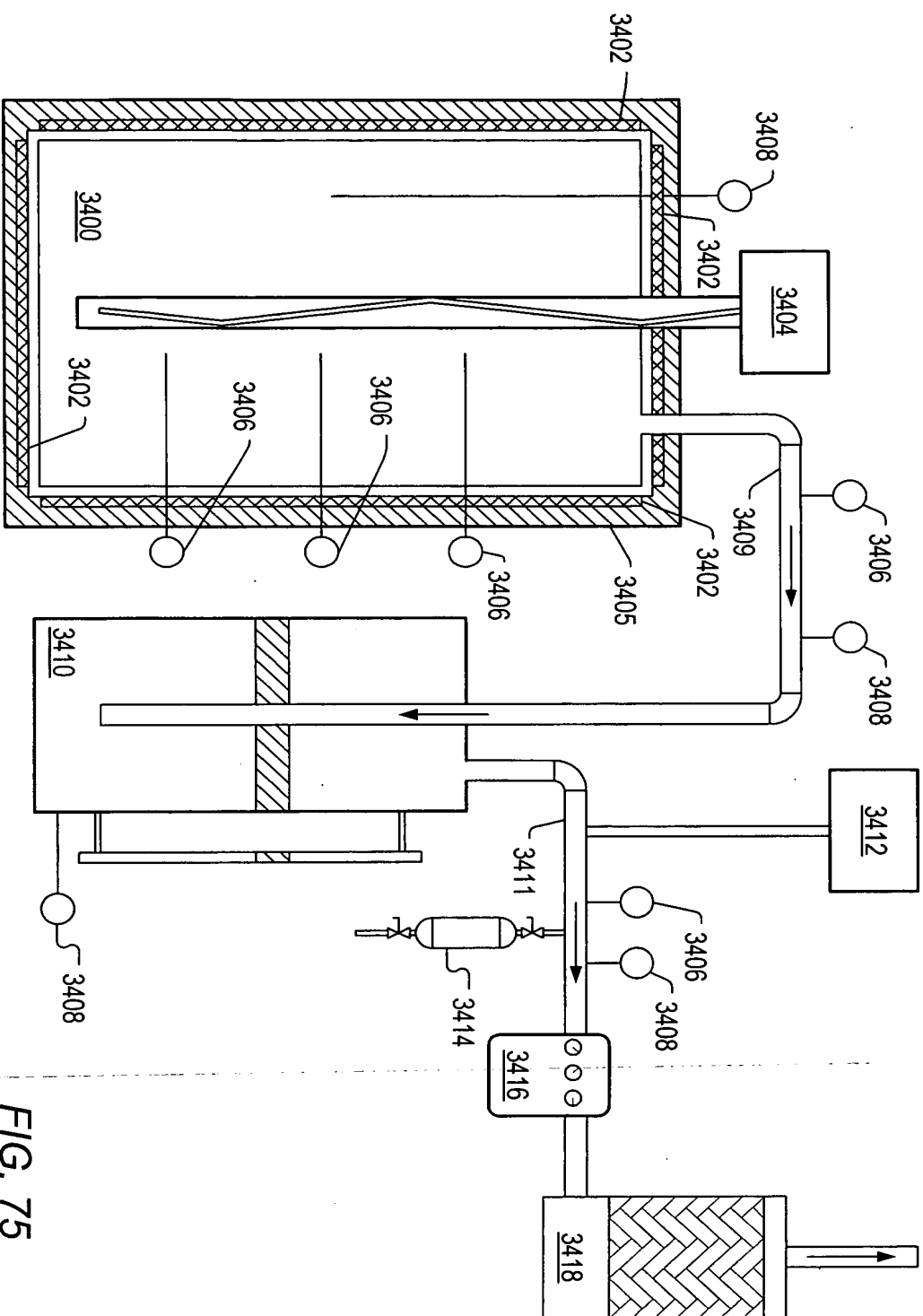


FIG. 75

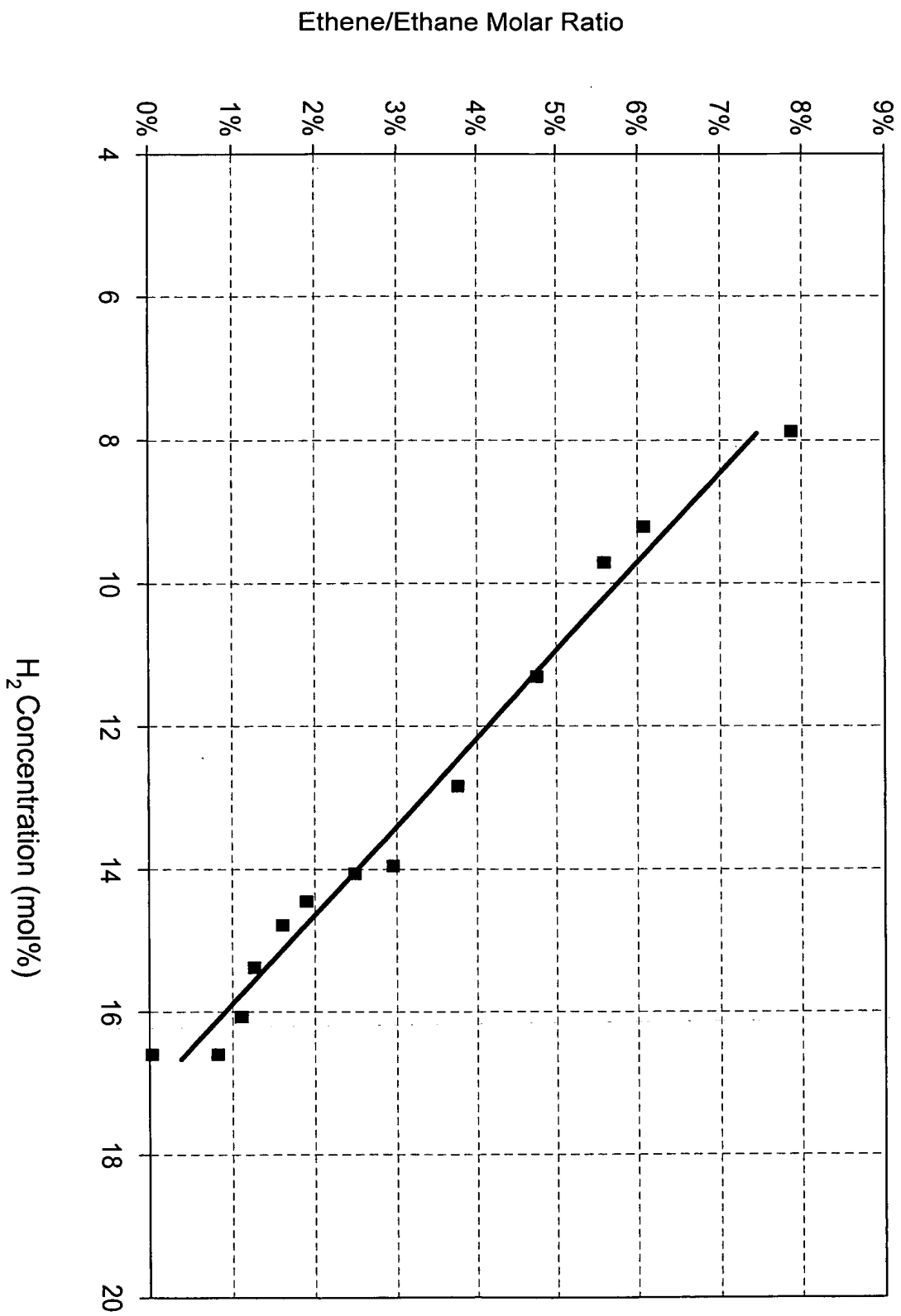


FIG. 76

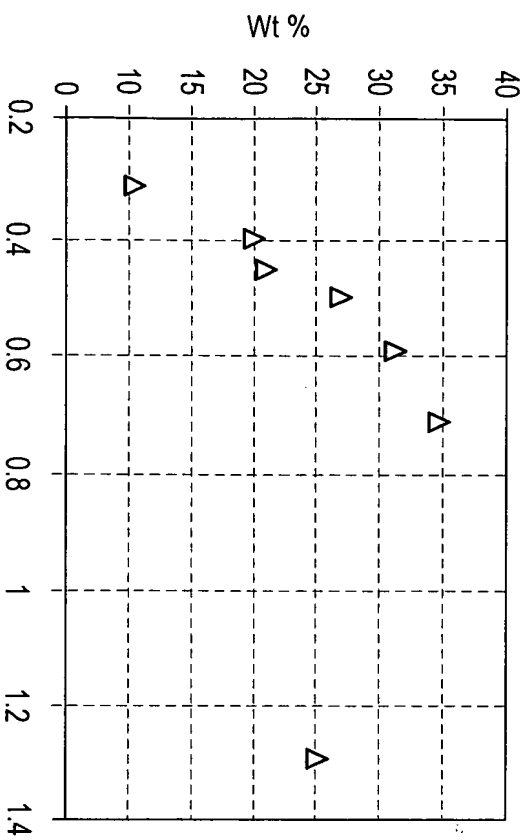


FIG. 77

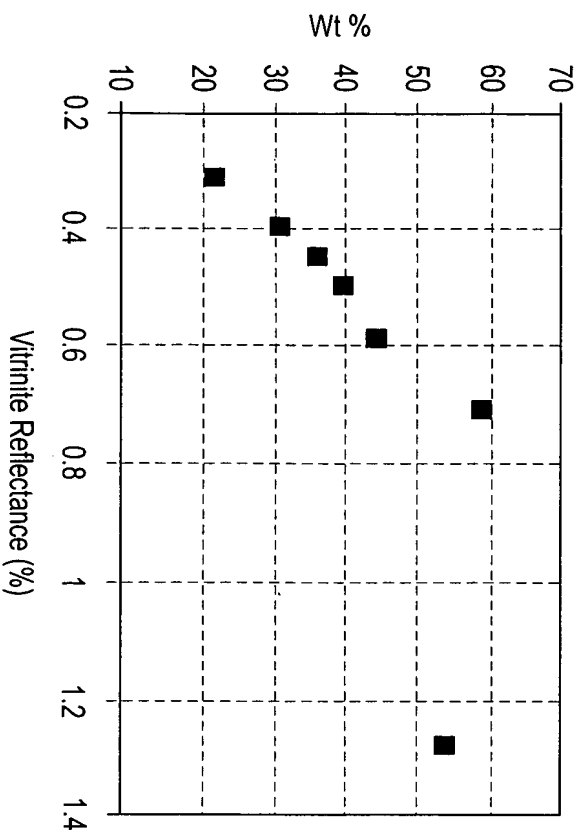


FIG. 79

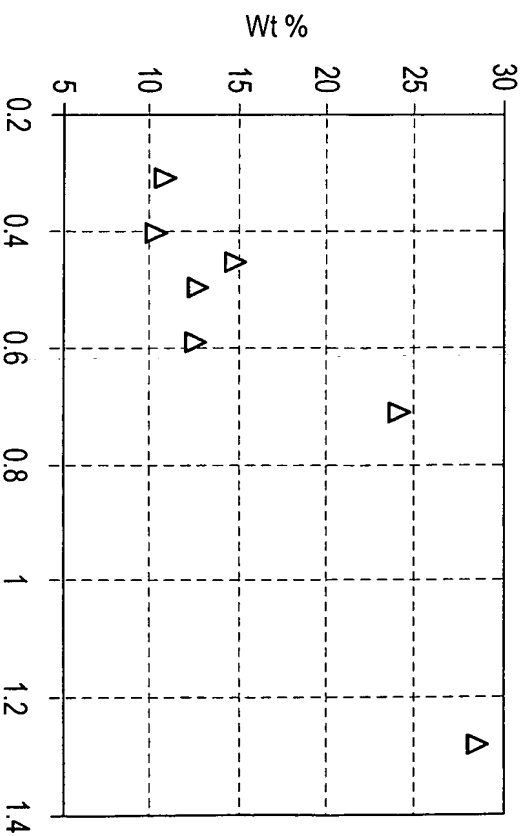


FIG. 78

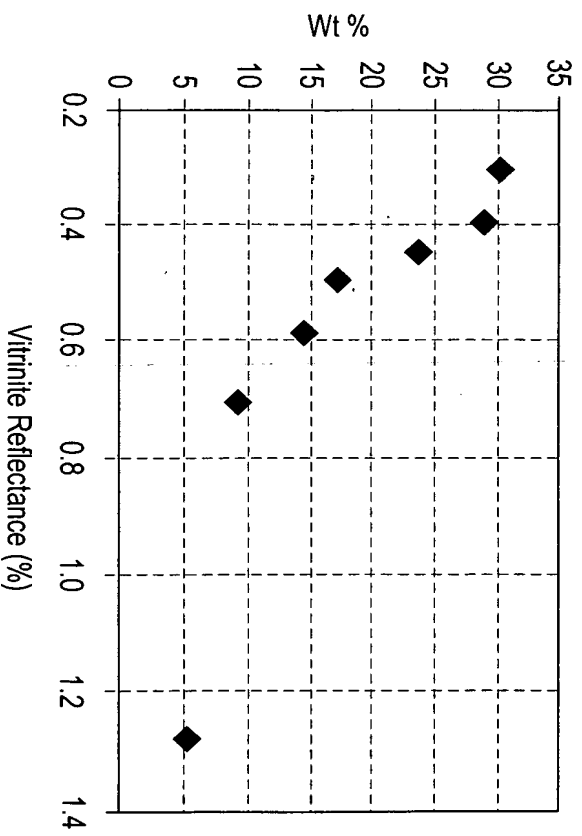
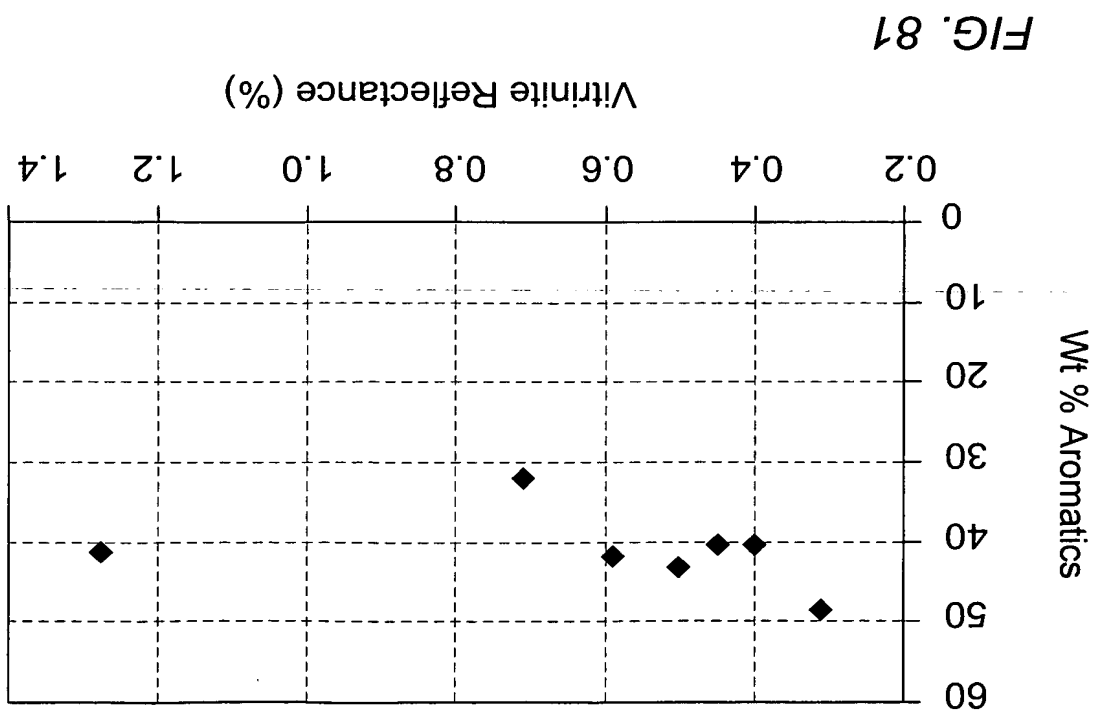
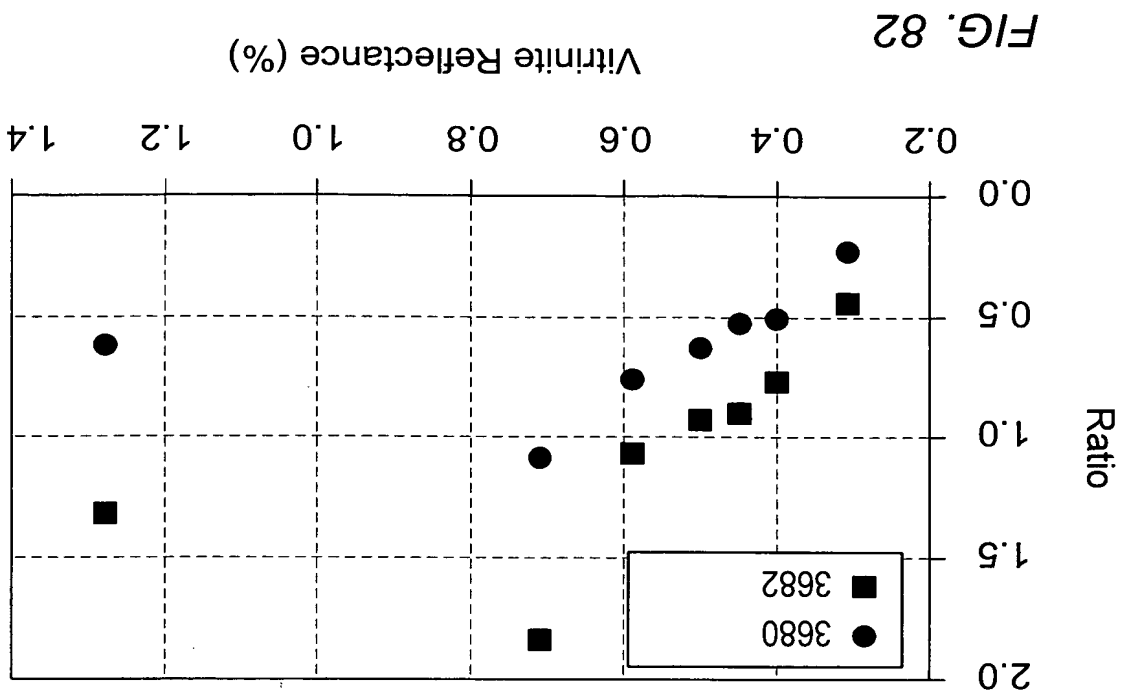


FIG. 80



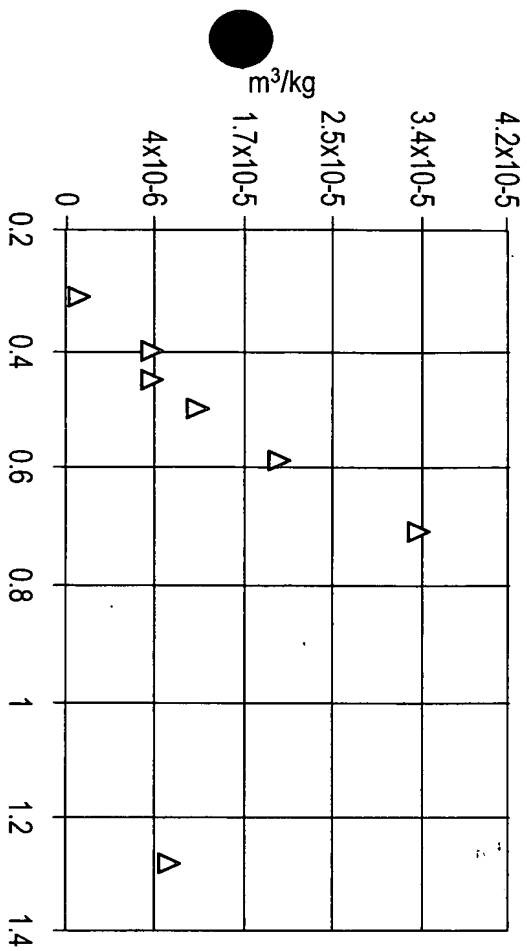


FIG. 83

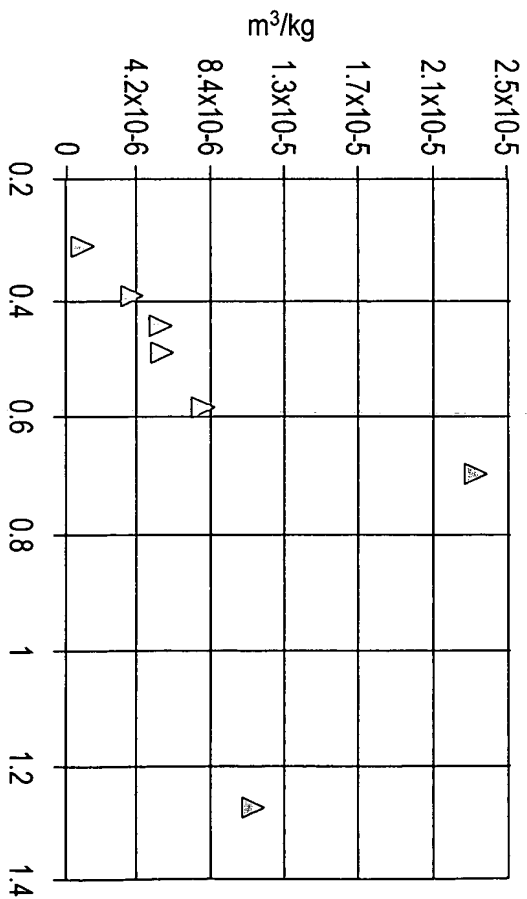


FIG. 84

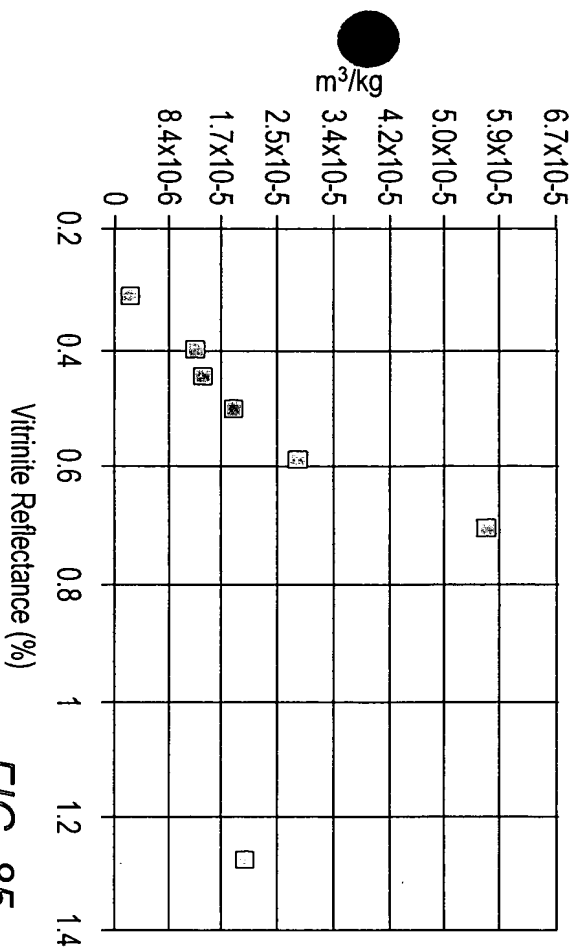


FIG. 85

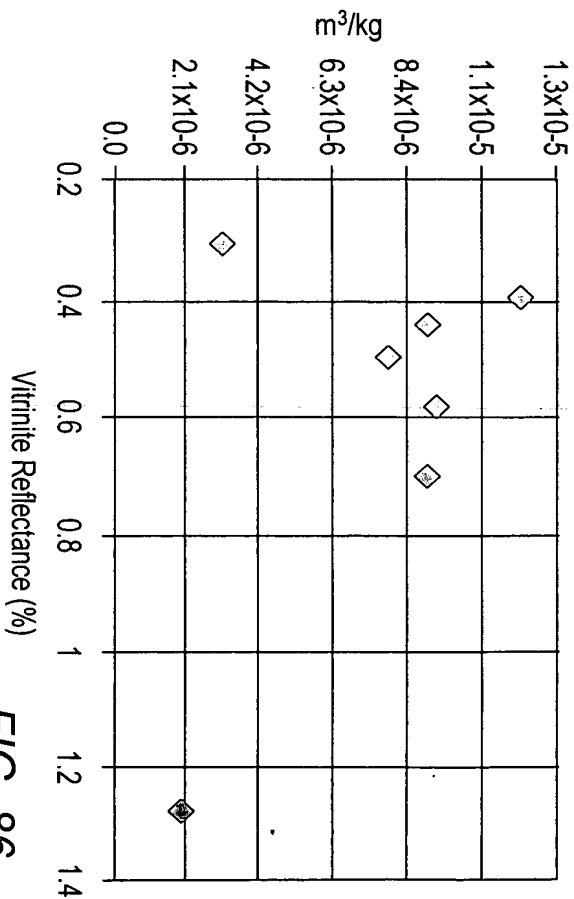


FIG. 86

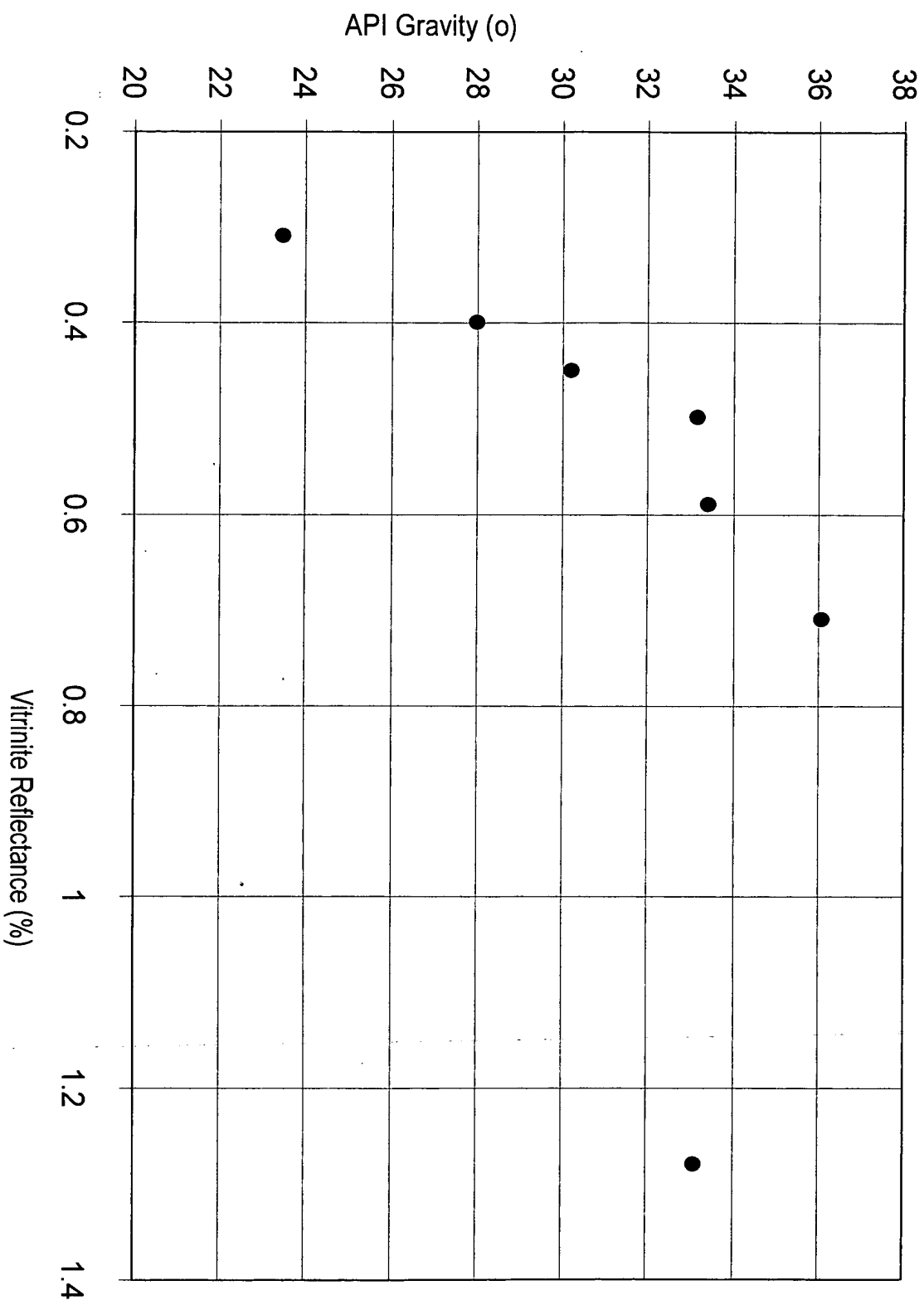


FIG. 87

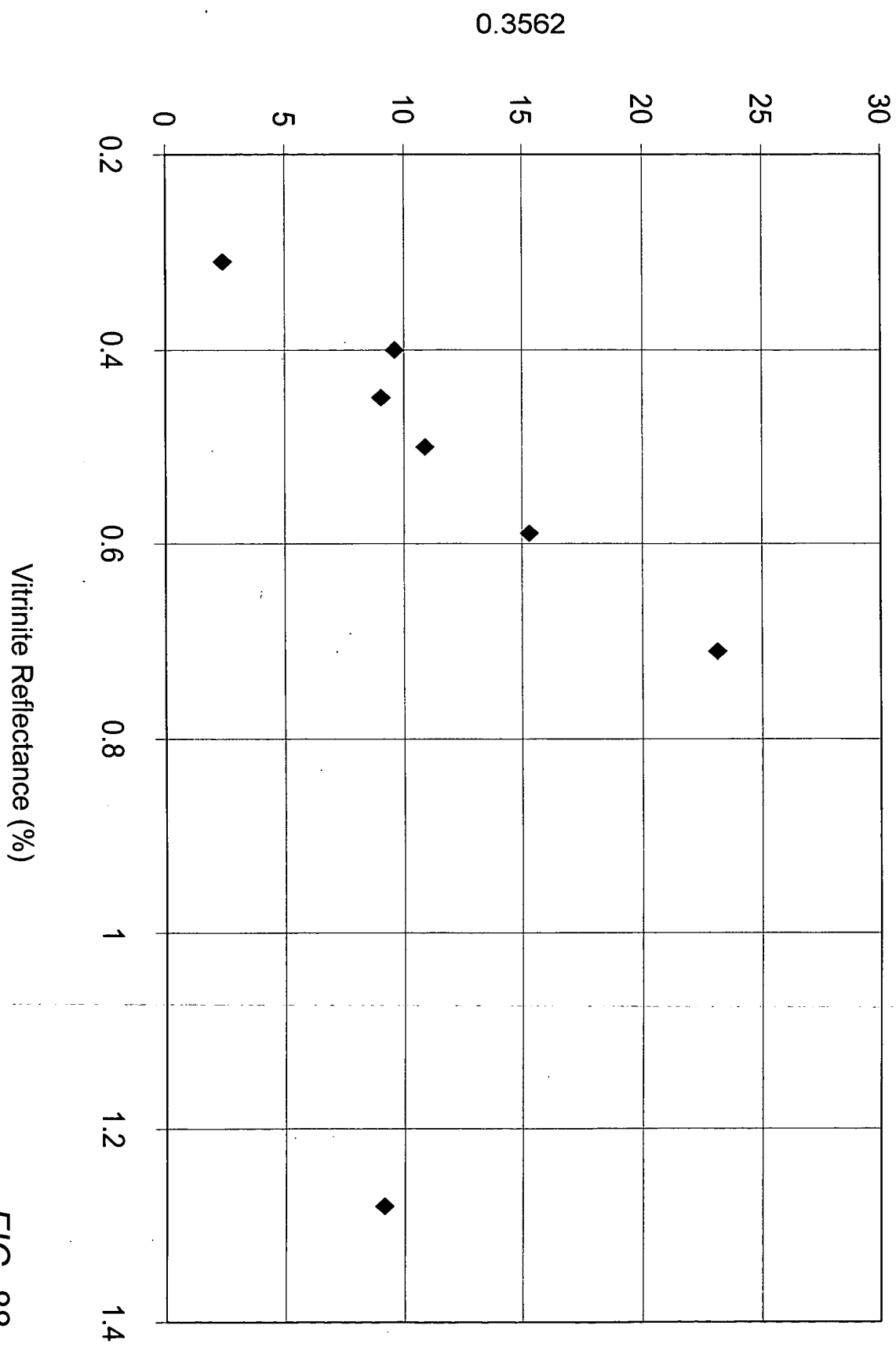


FIG. 88

FIG. 90

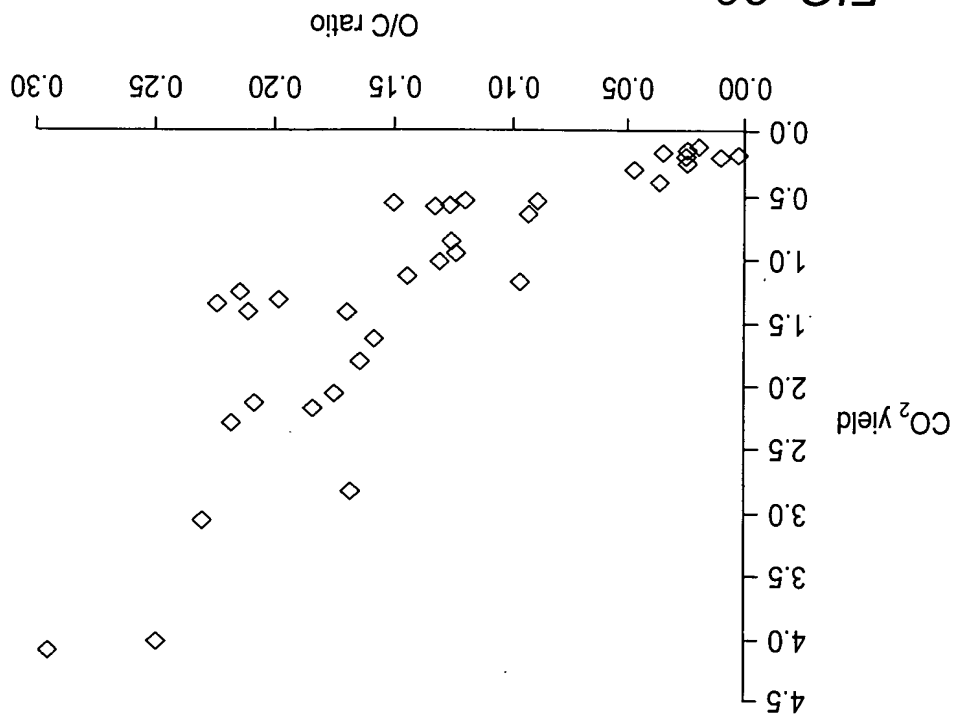
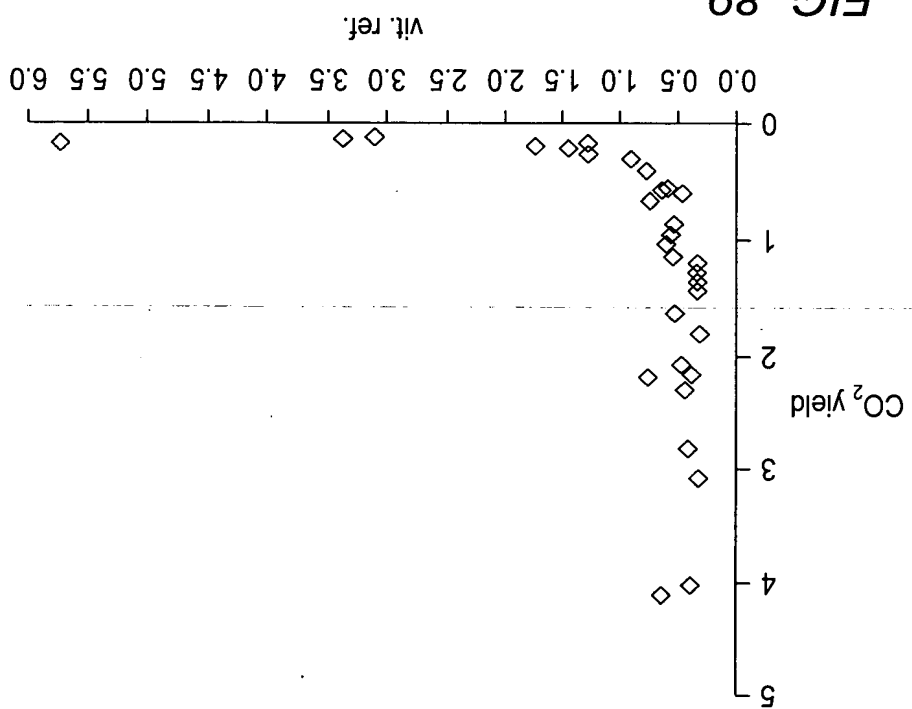


FIG. 89



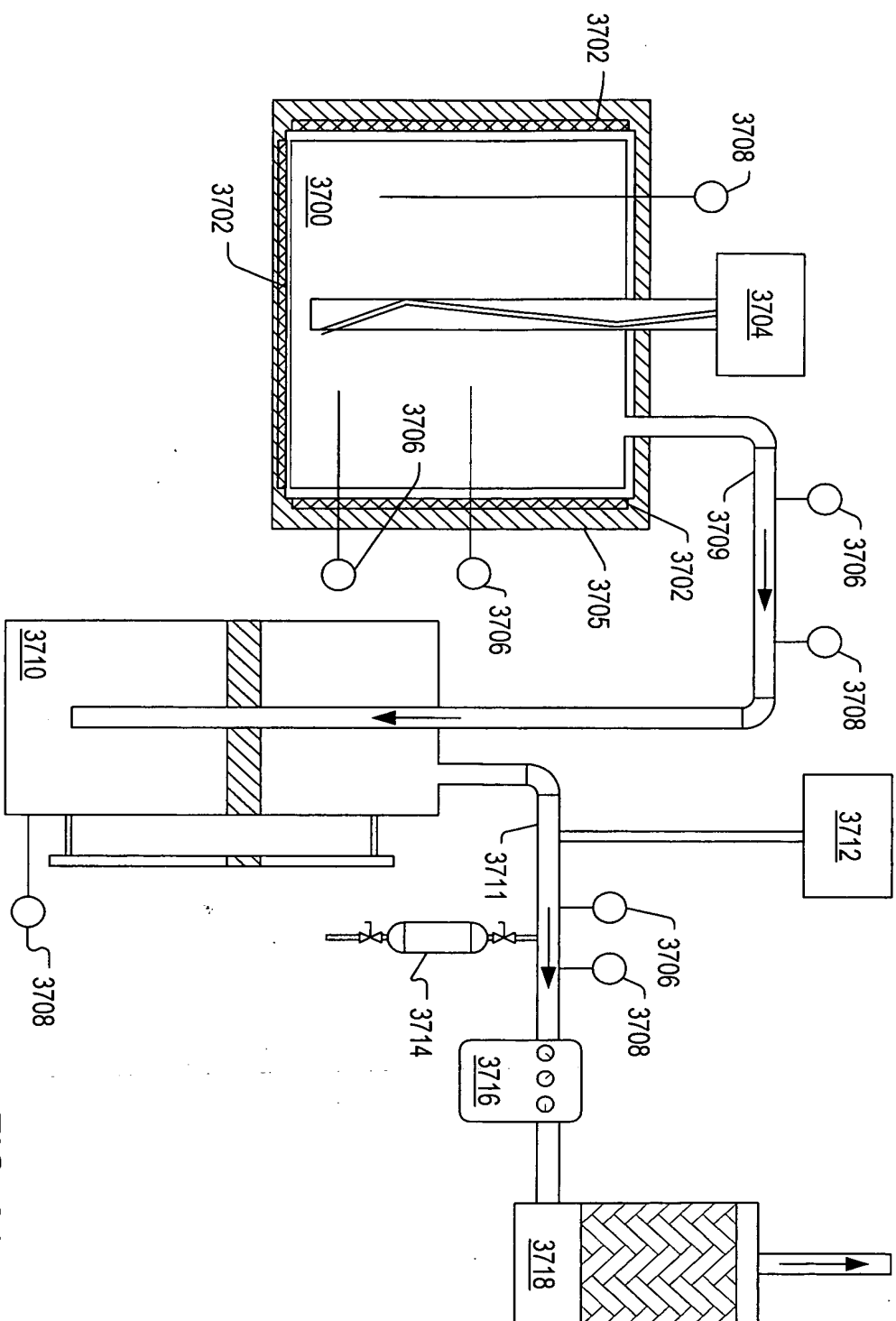


FIG. 91

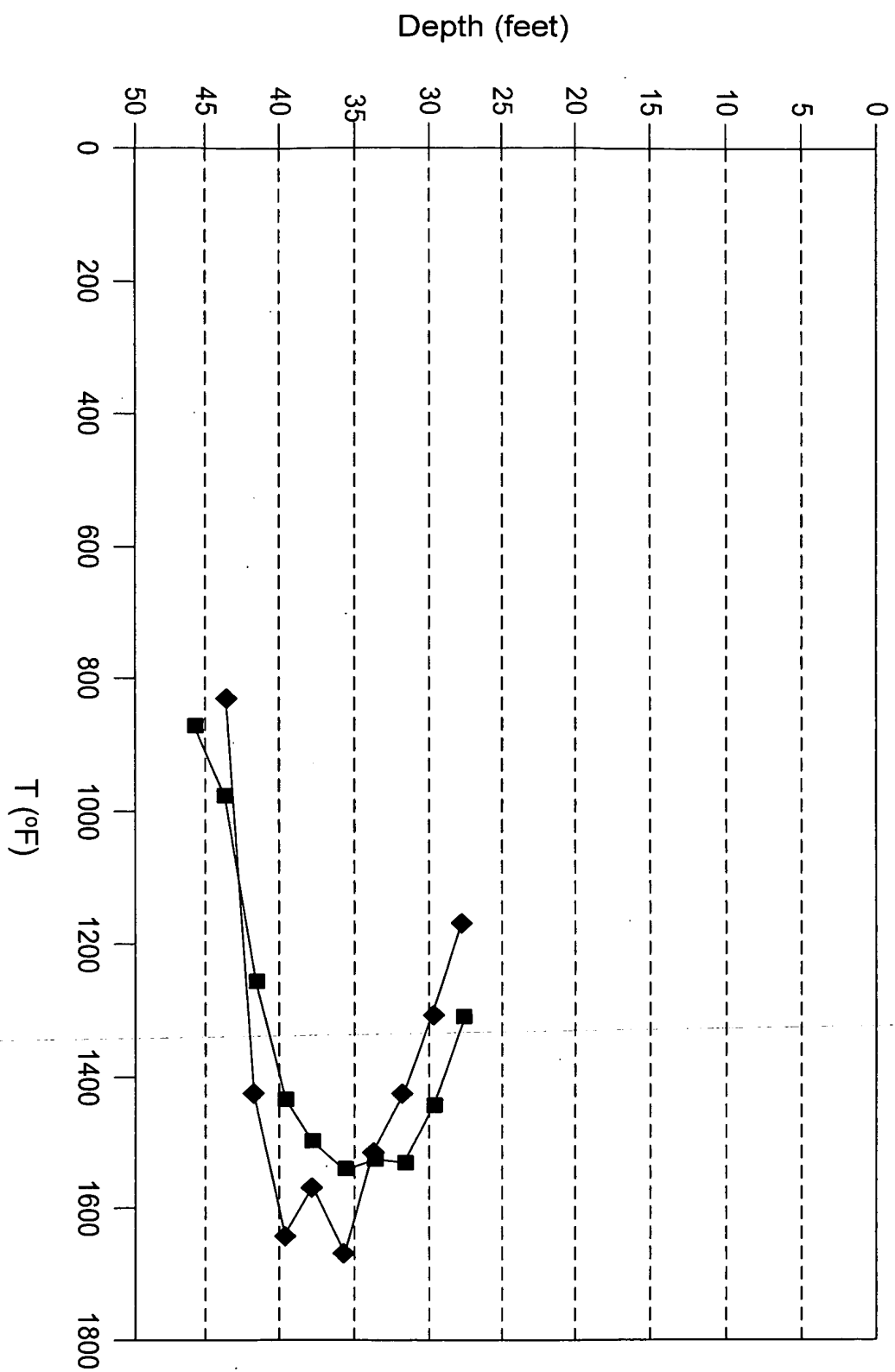


FIG. 92

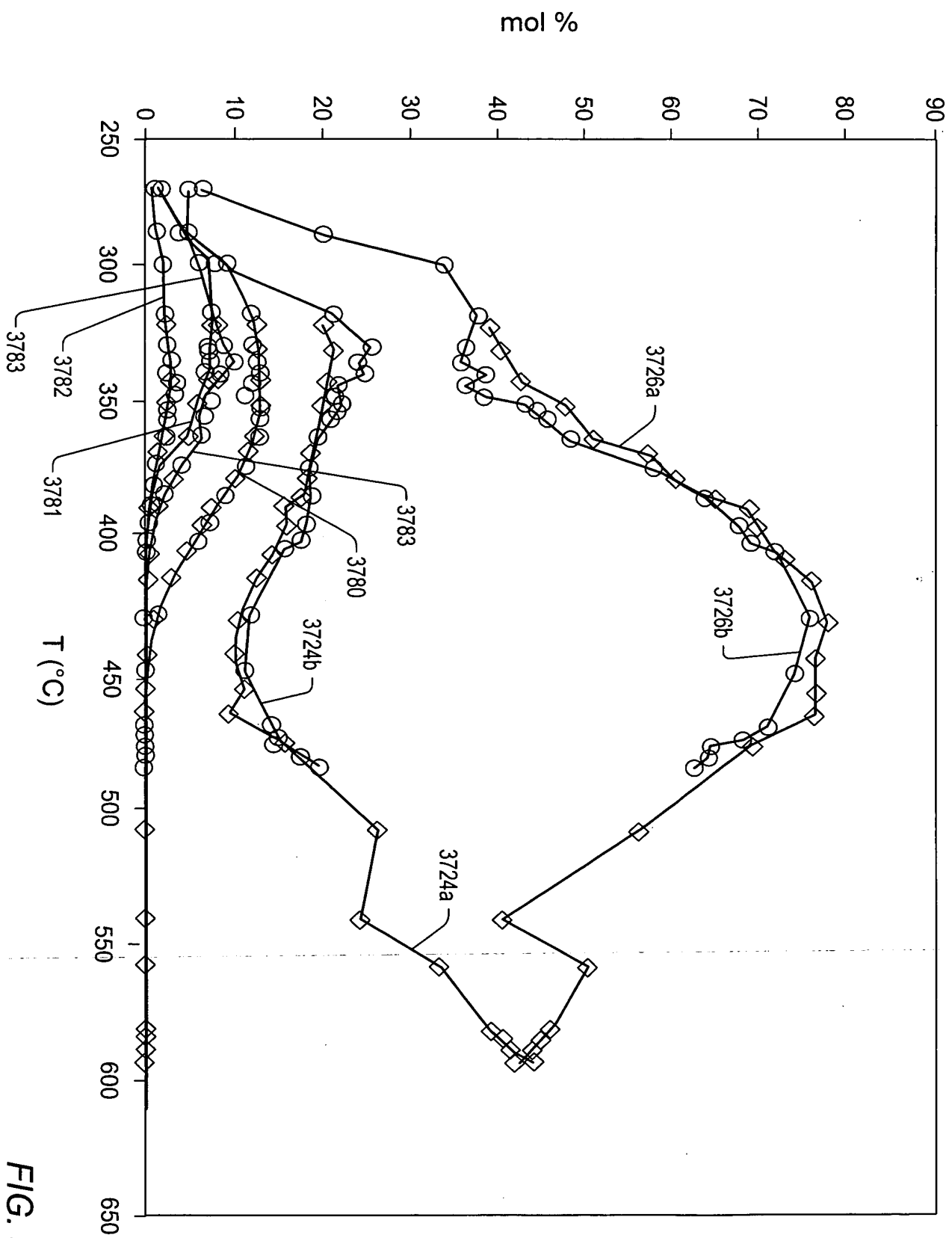


FIG. 93

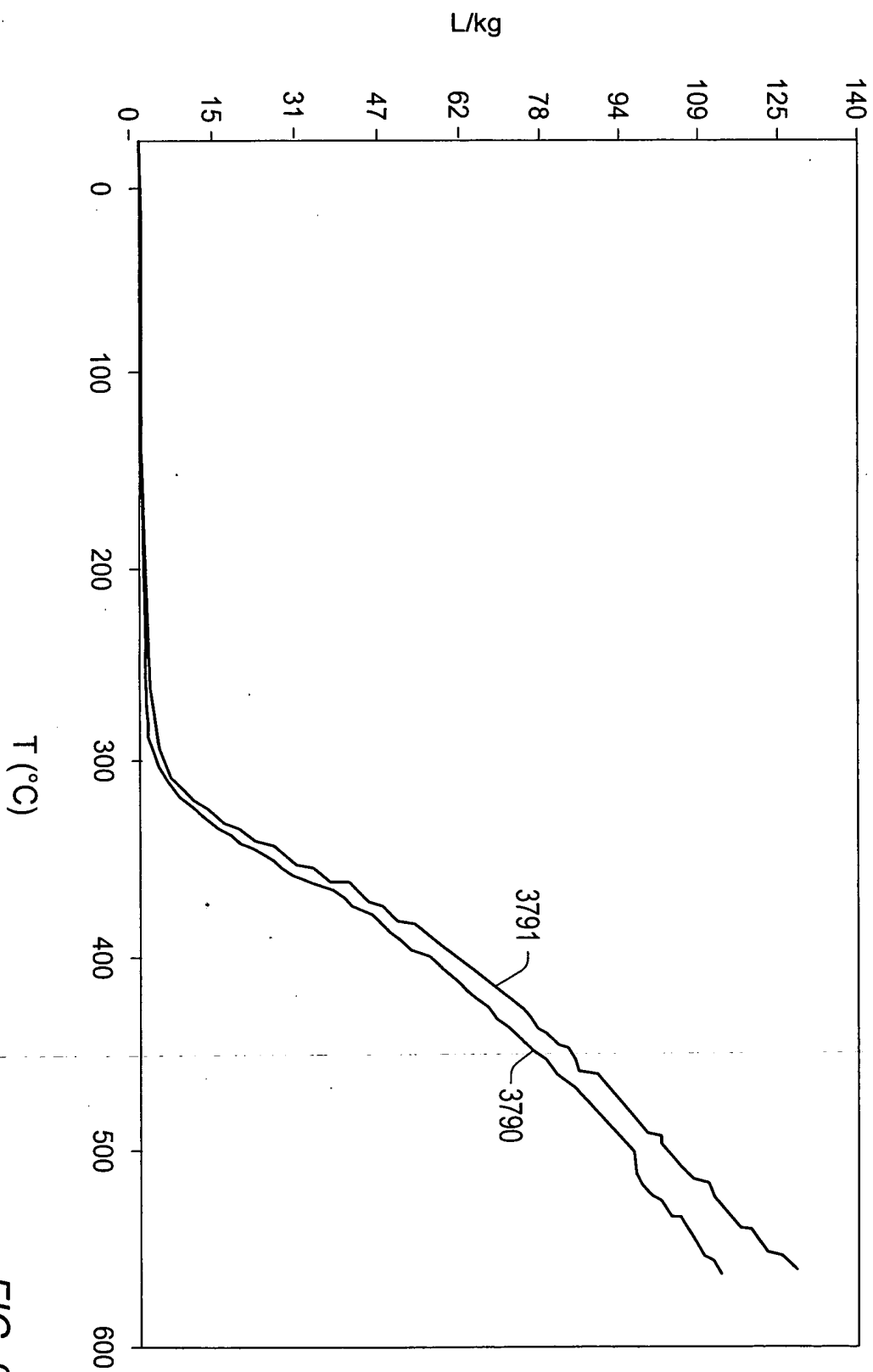


FIG. 94

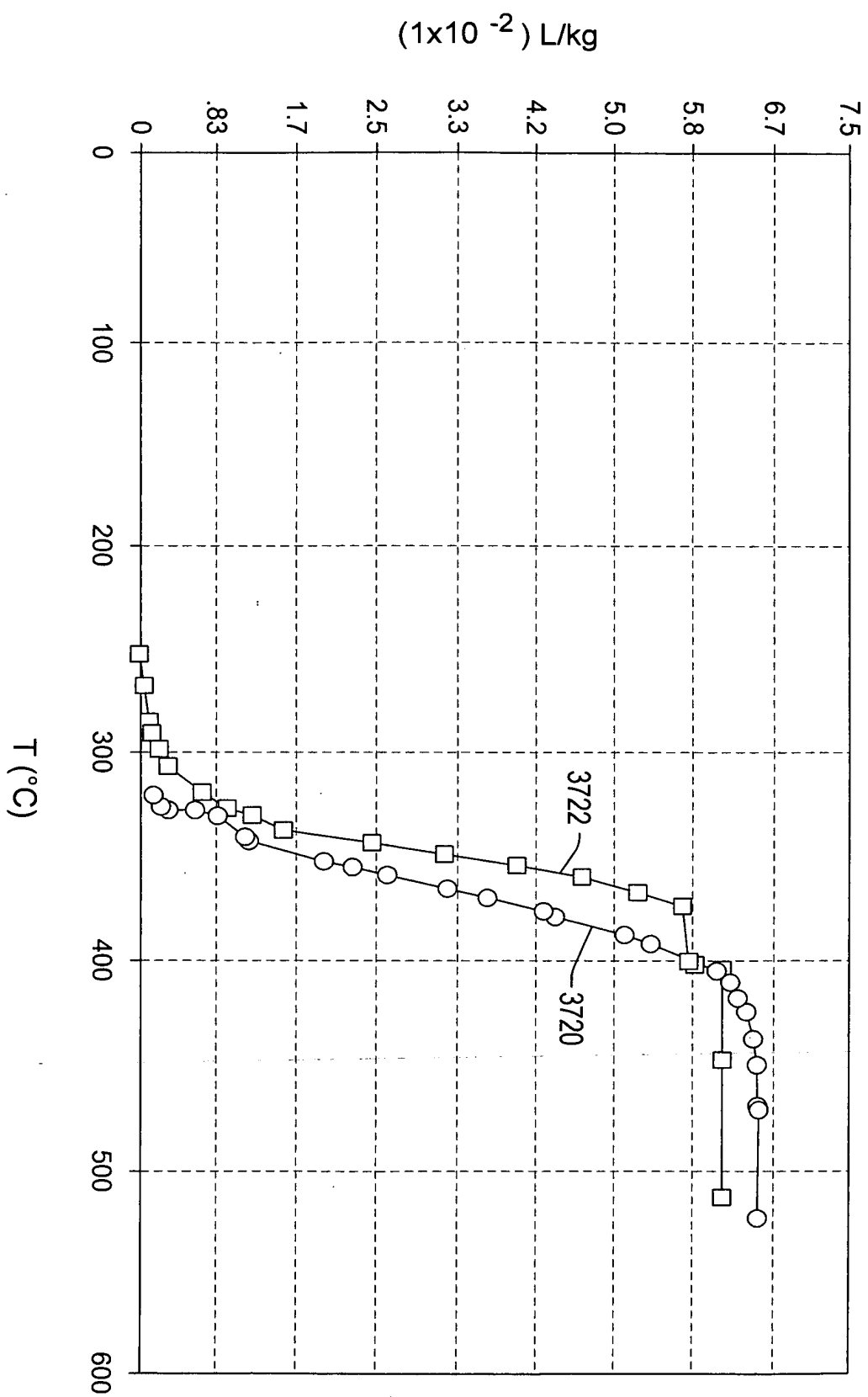


FIG. 95

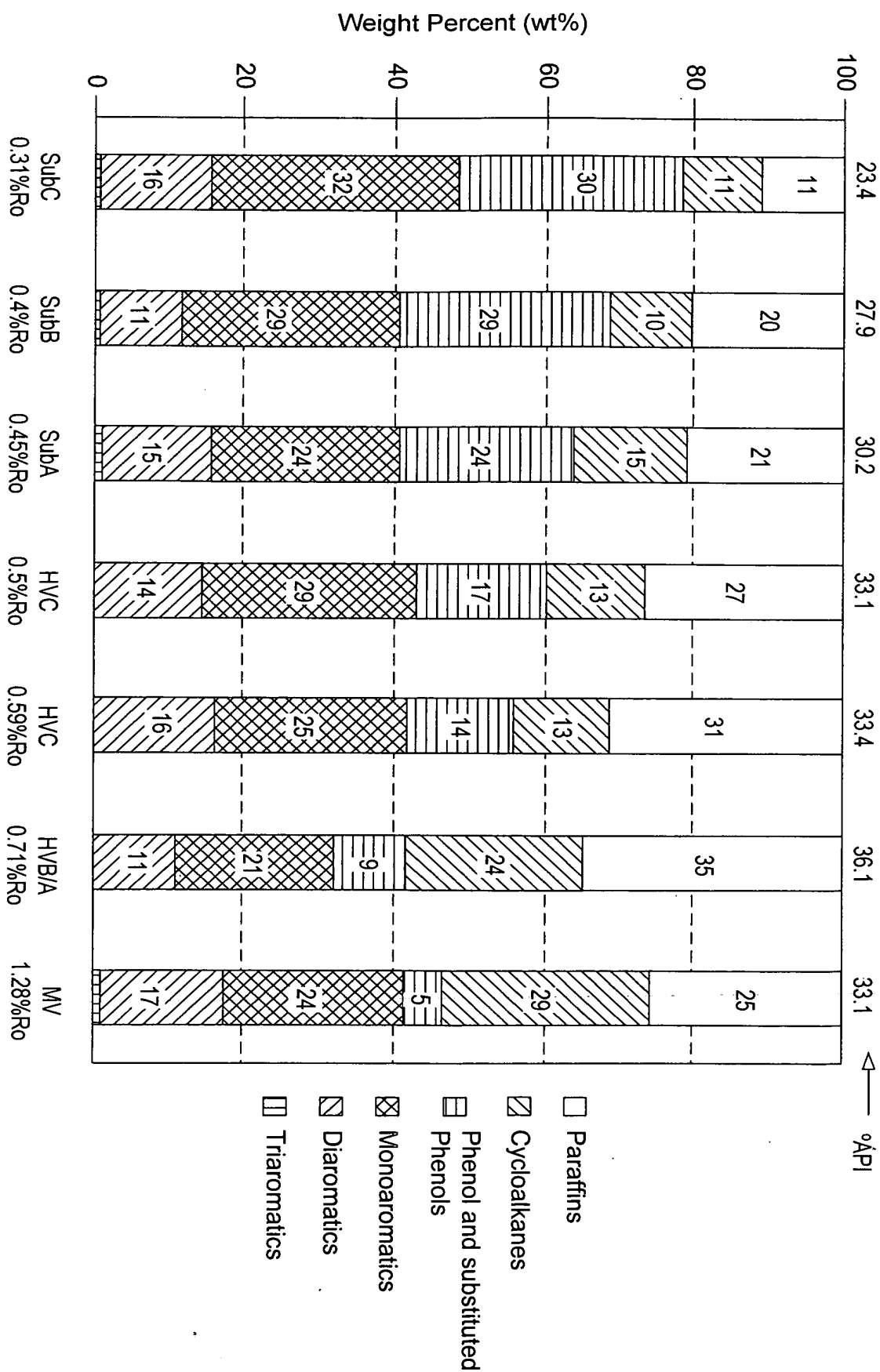


FIG. 96

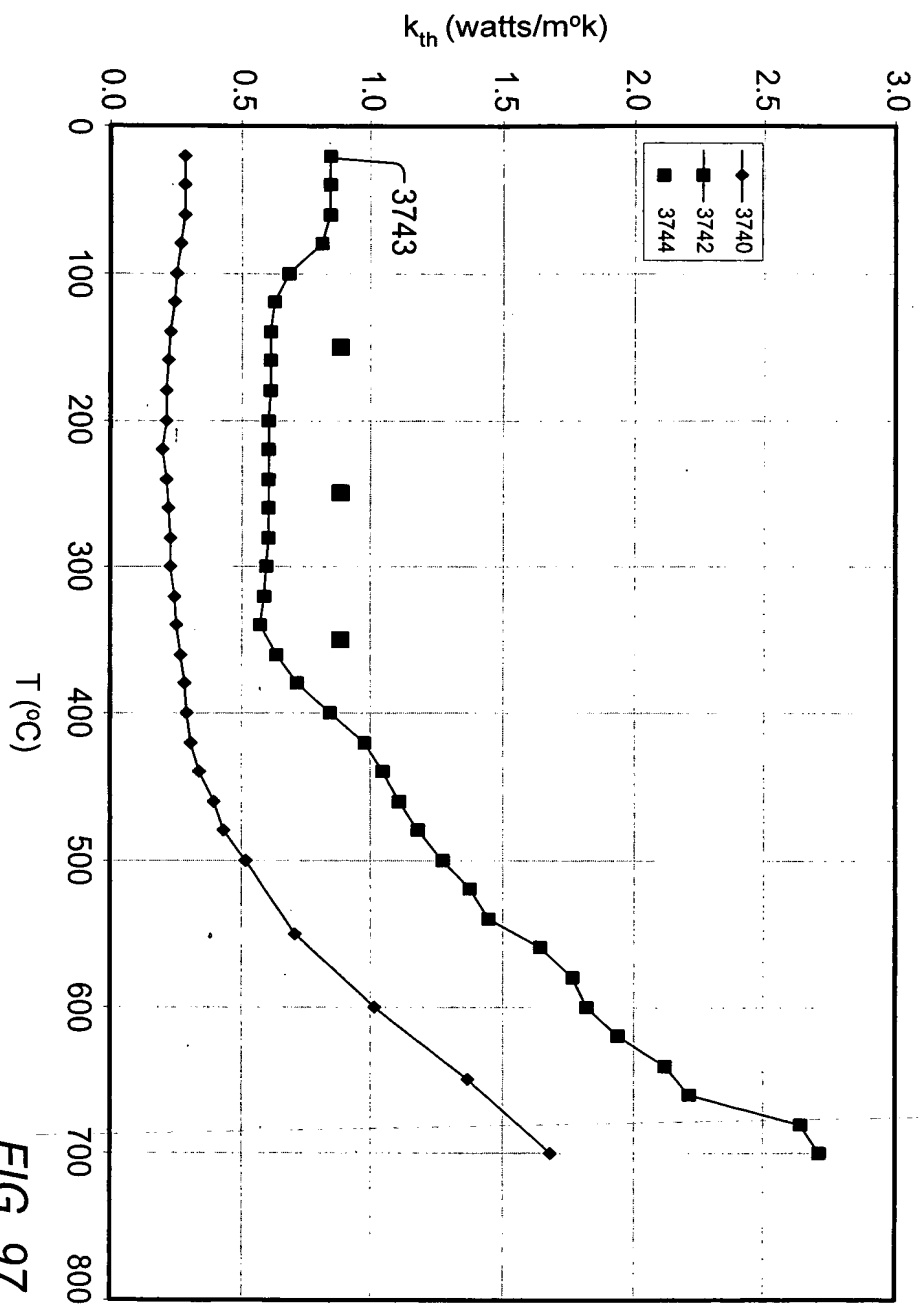
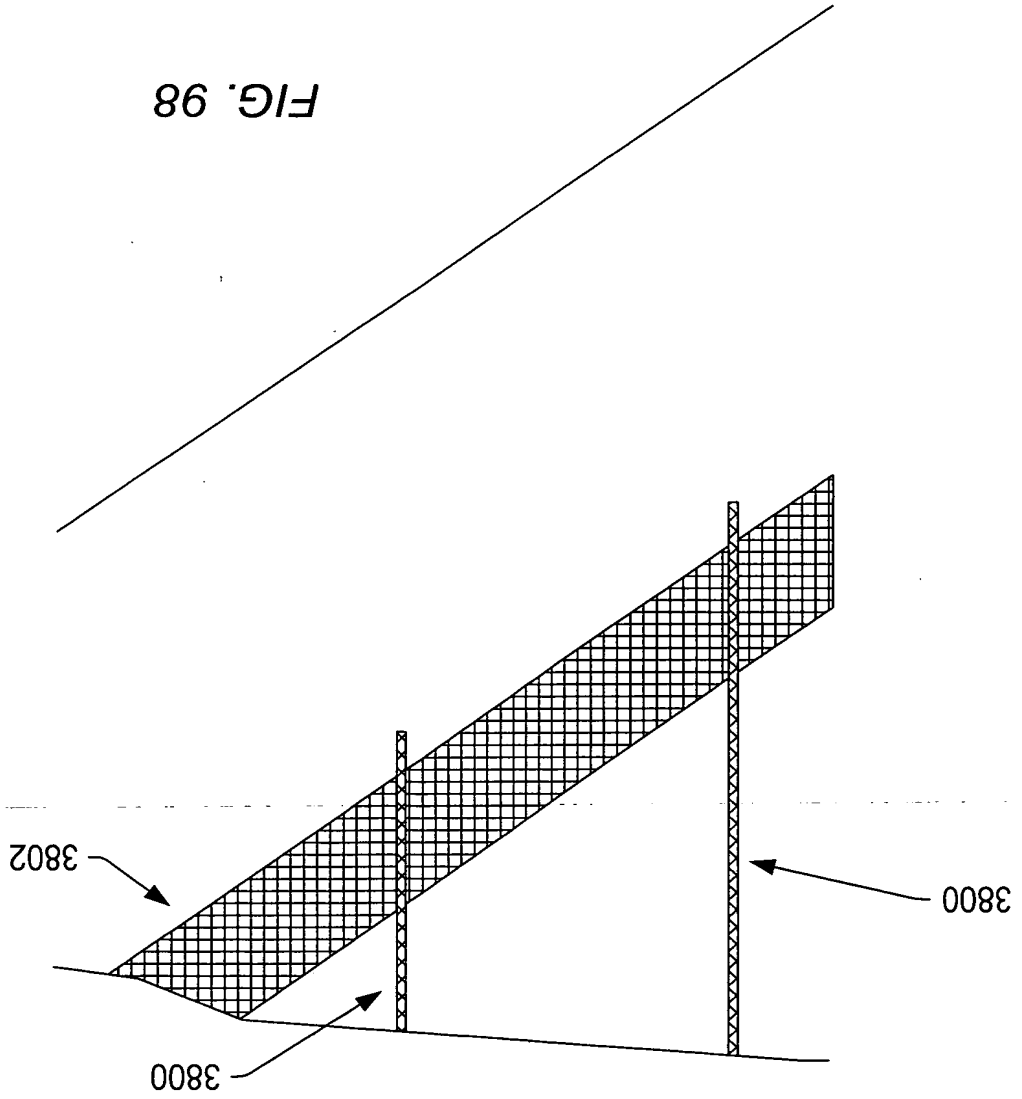


FIG. 97



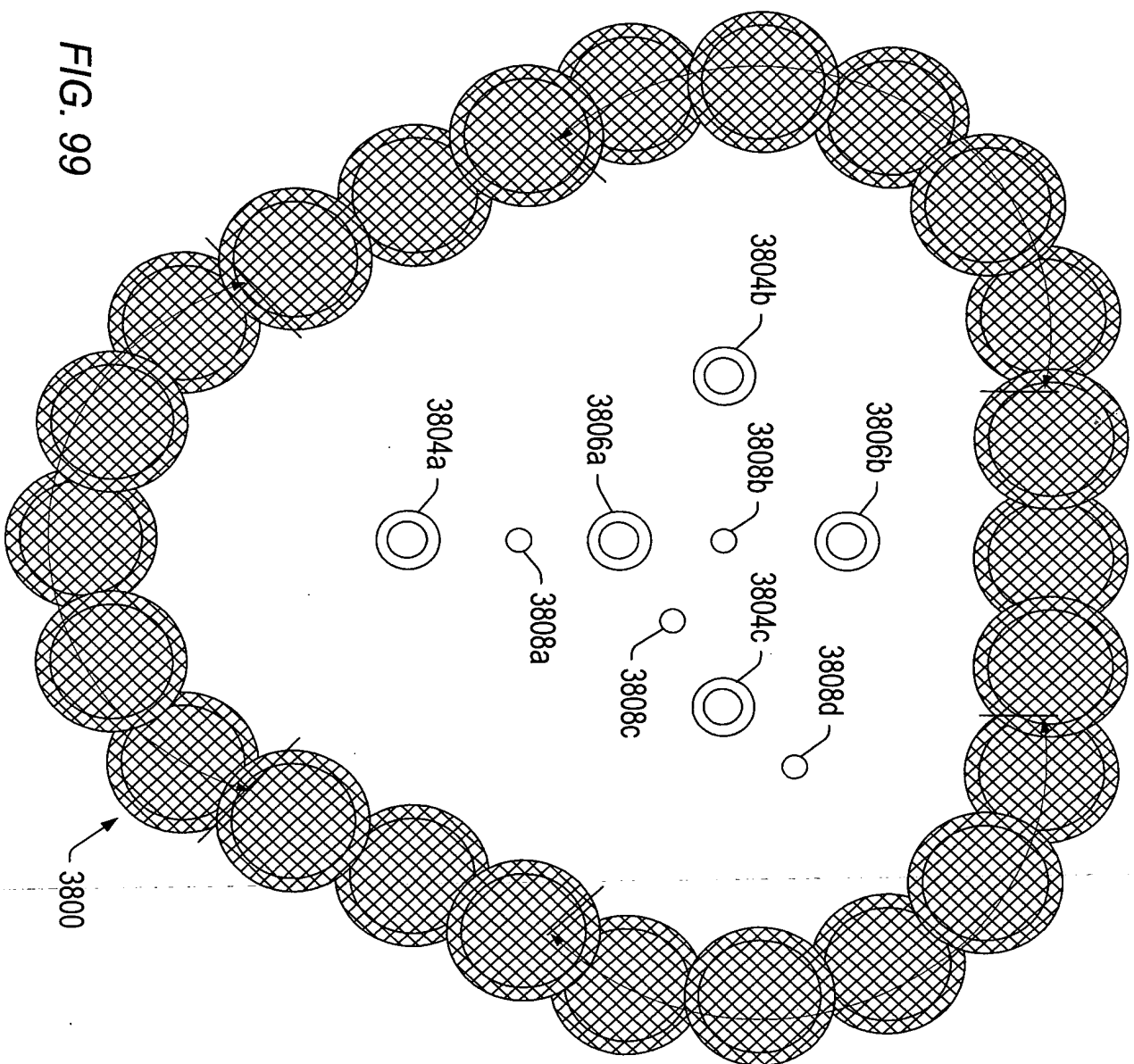


FIG. 99

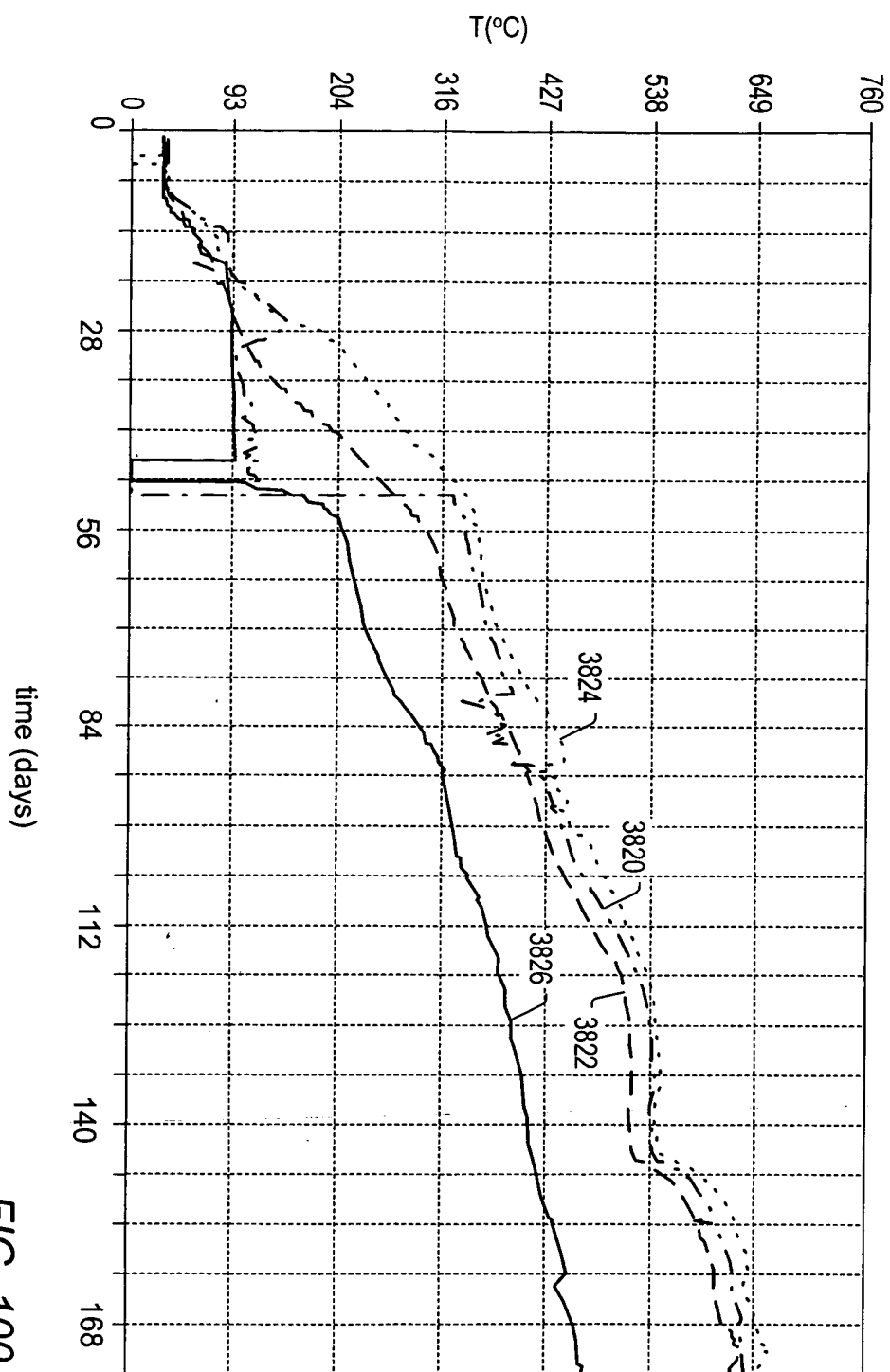


FIG. 100

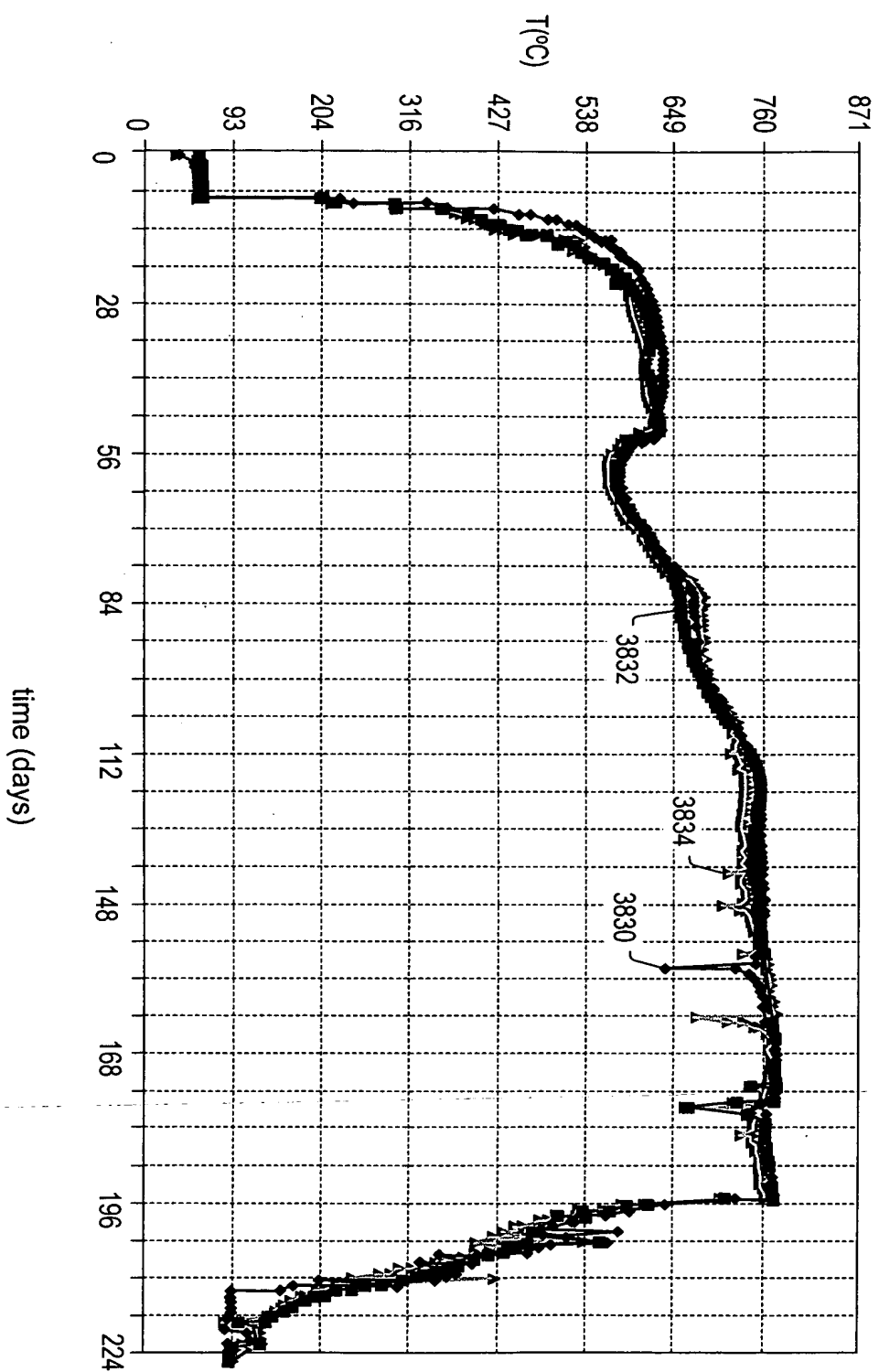


FIG. 101

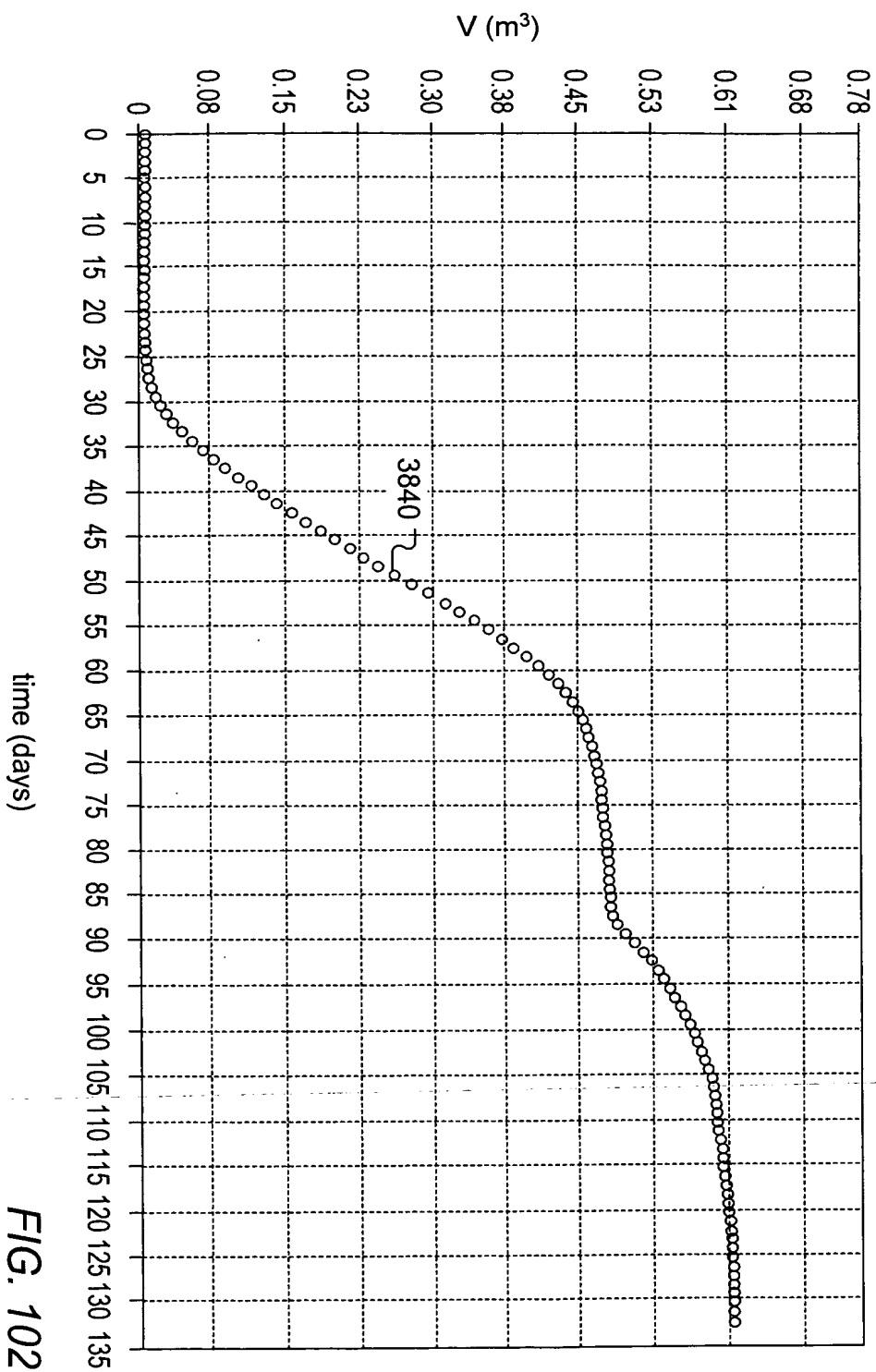


FIG. 102

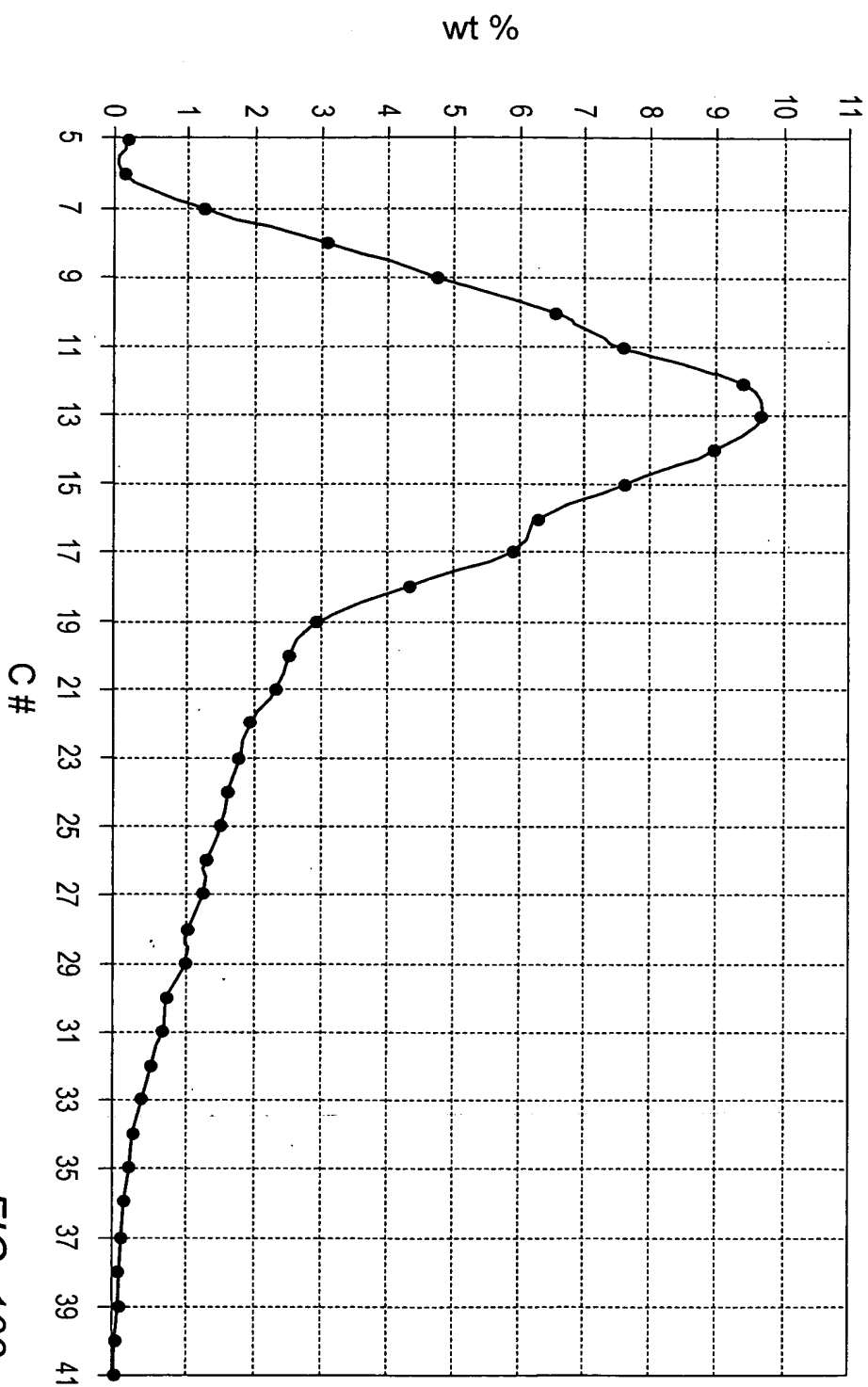


FIG. 103

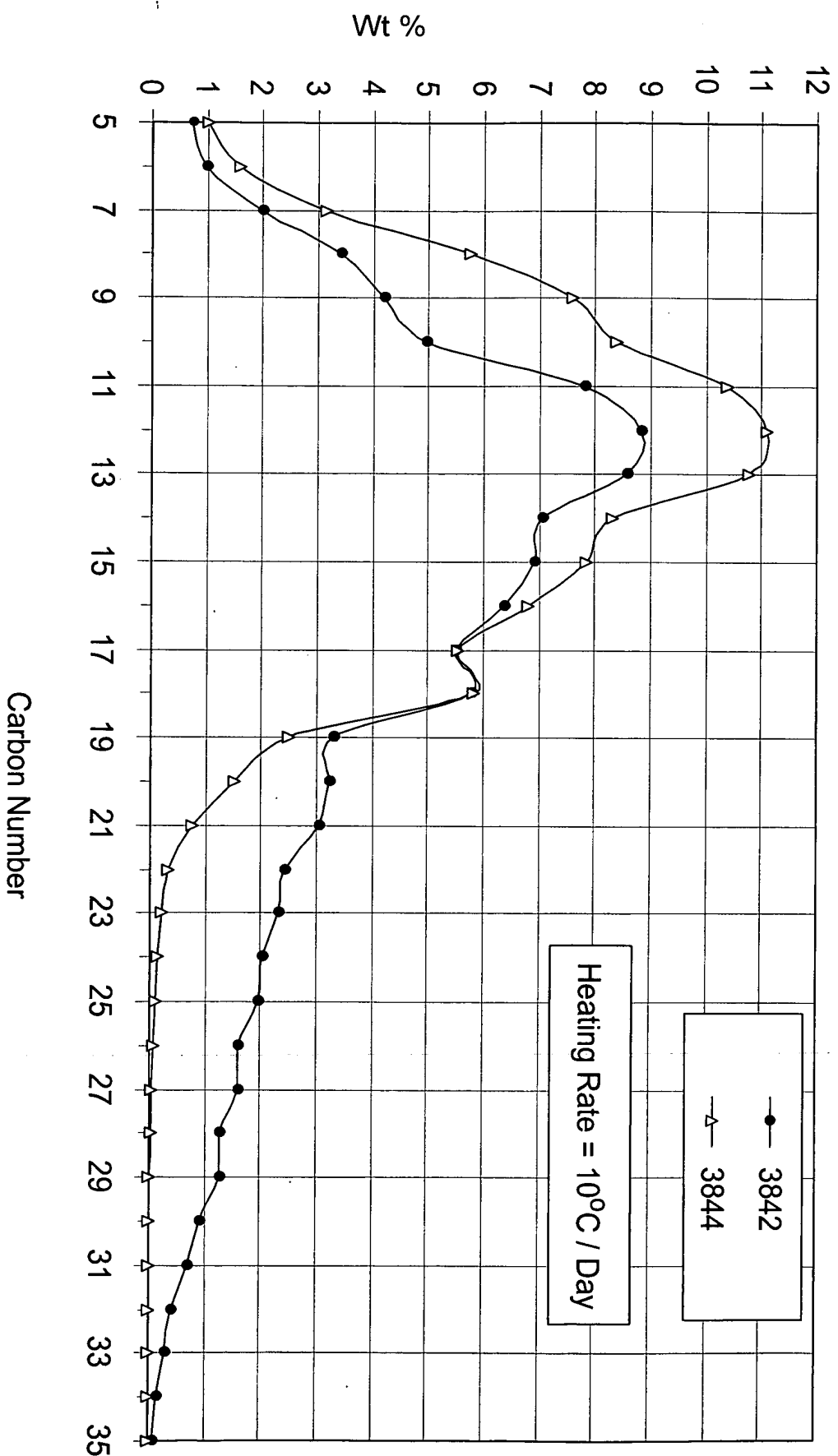


FIG. 104

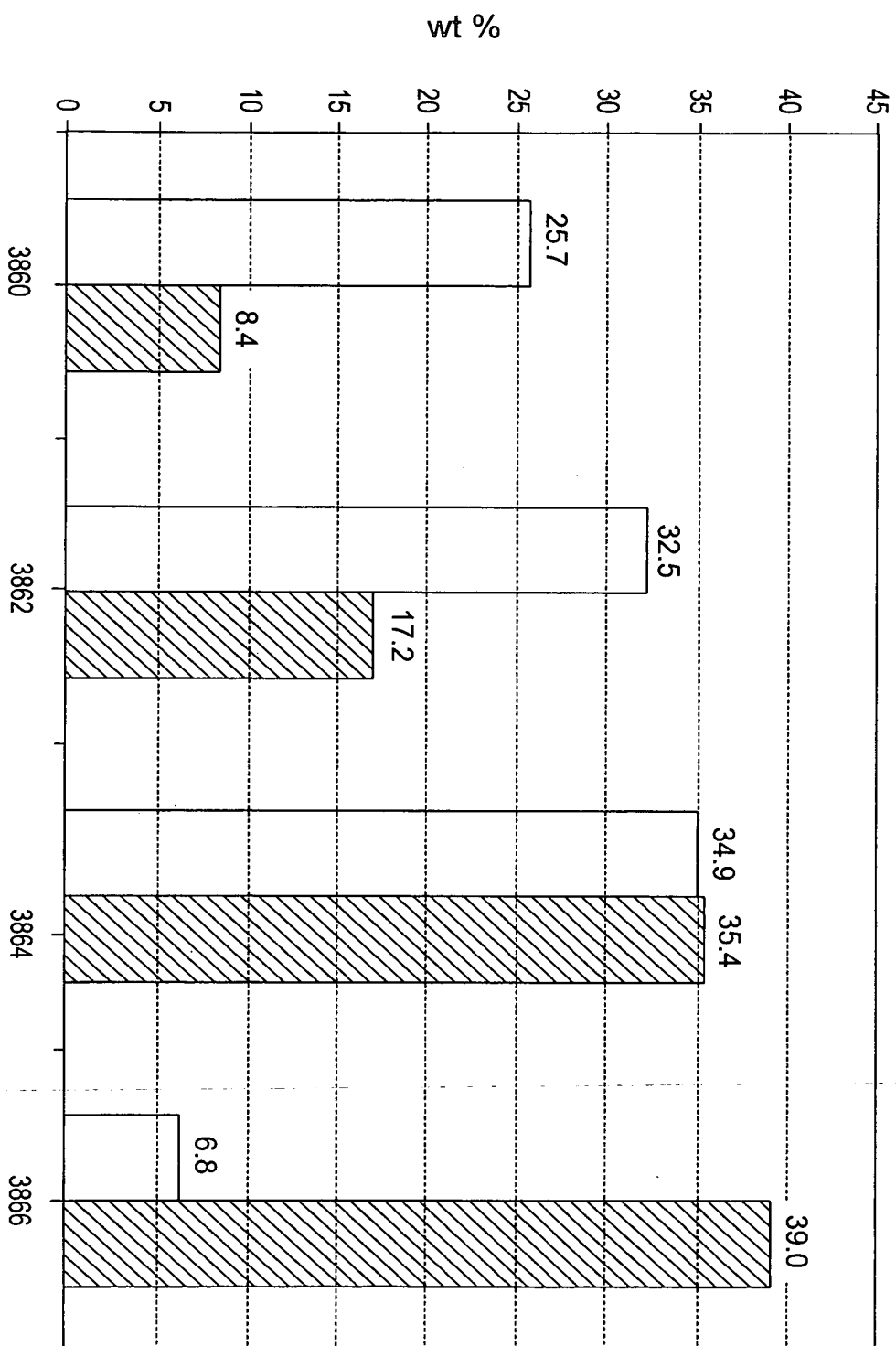


FIG. 105

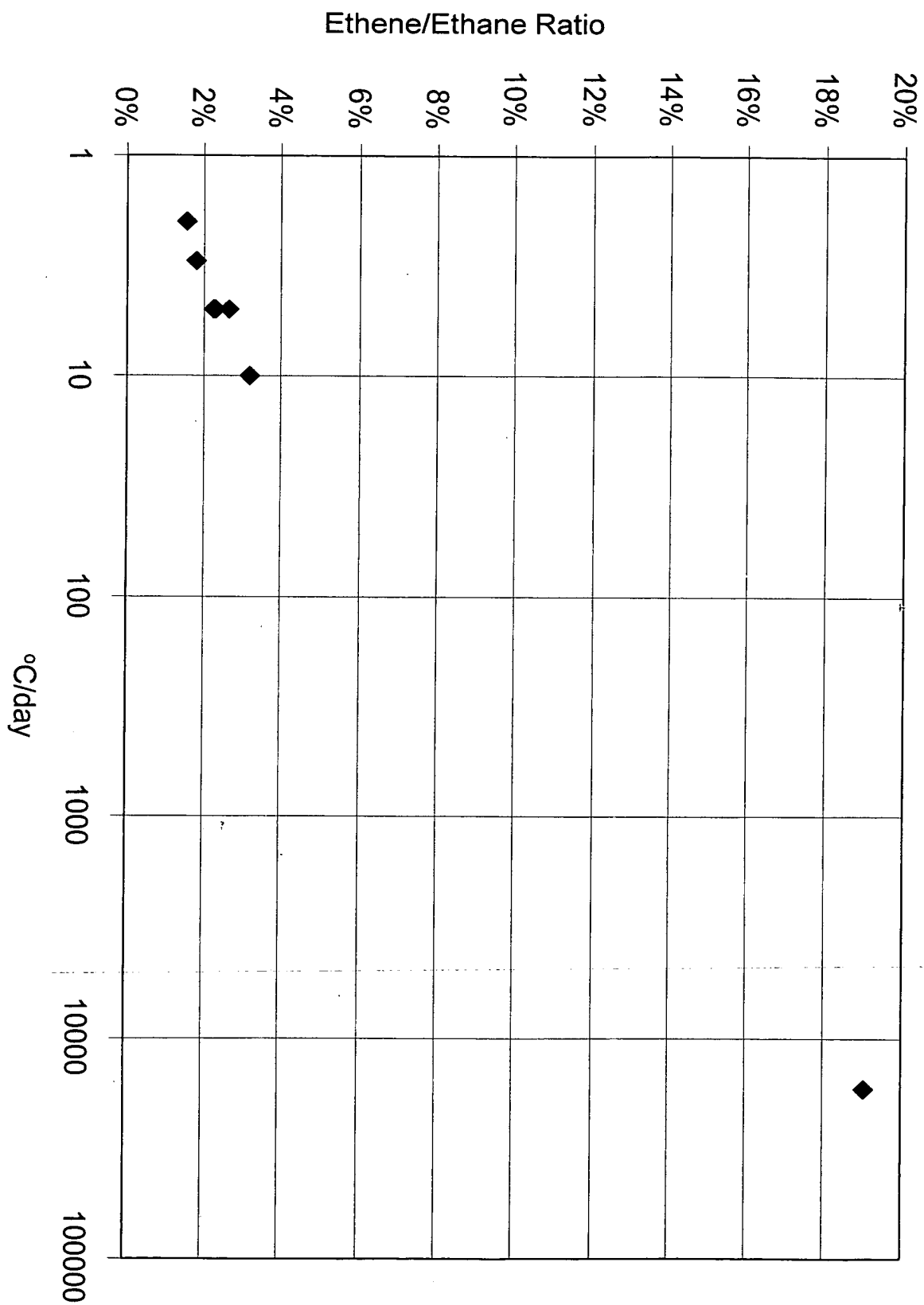


FIG. 106

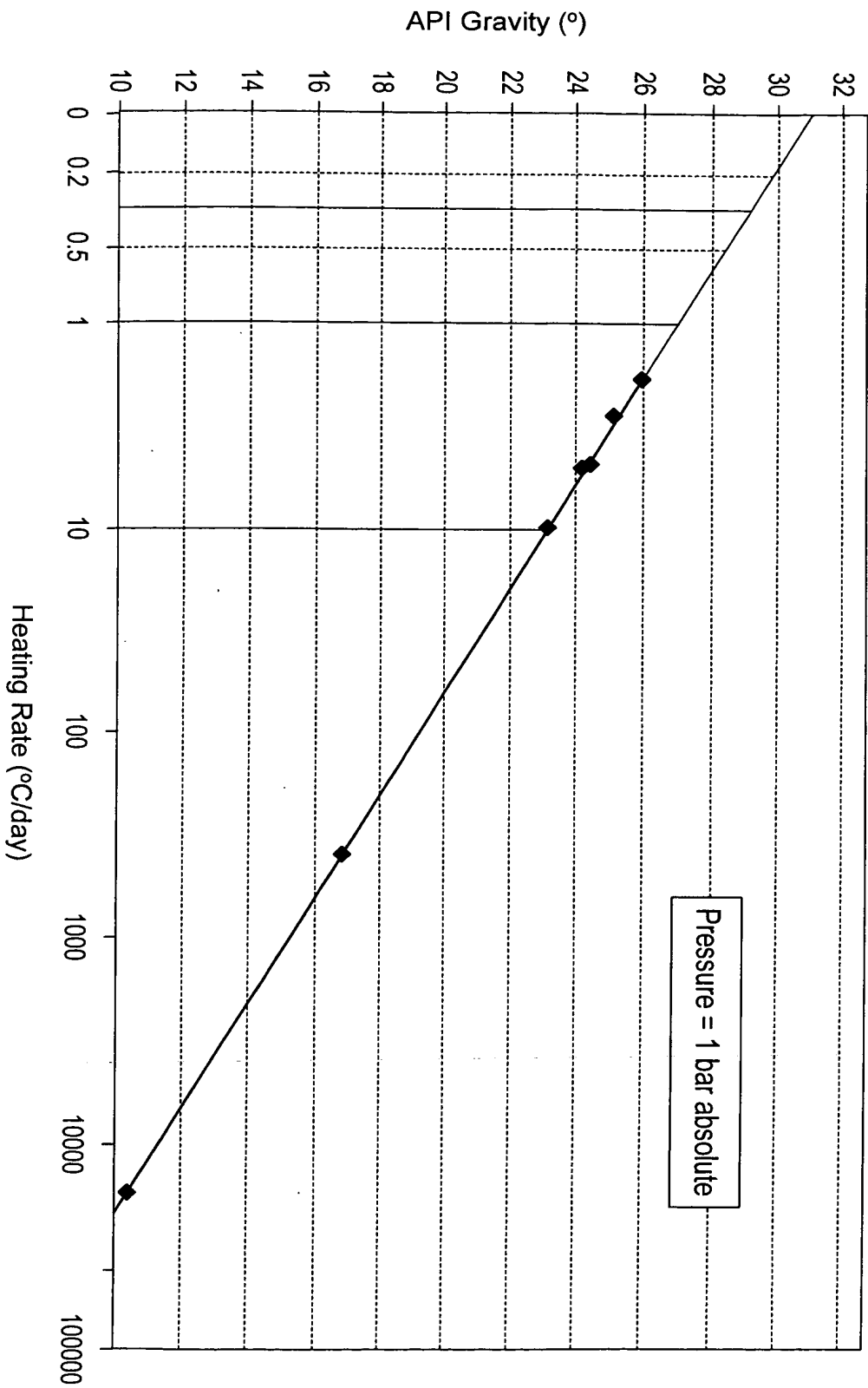


FIG. 107

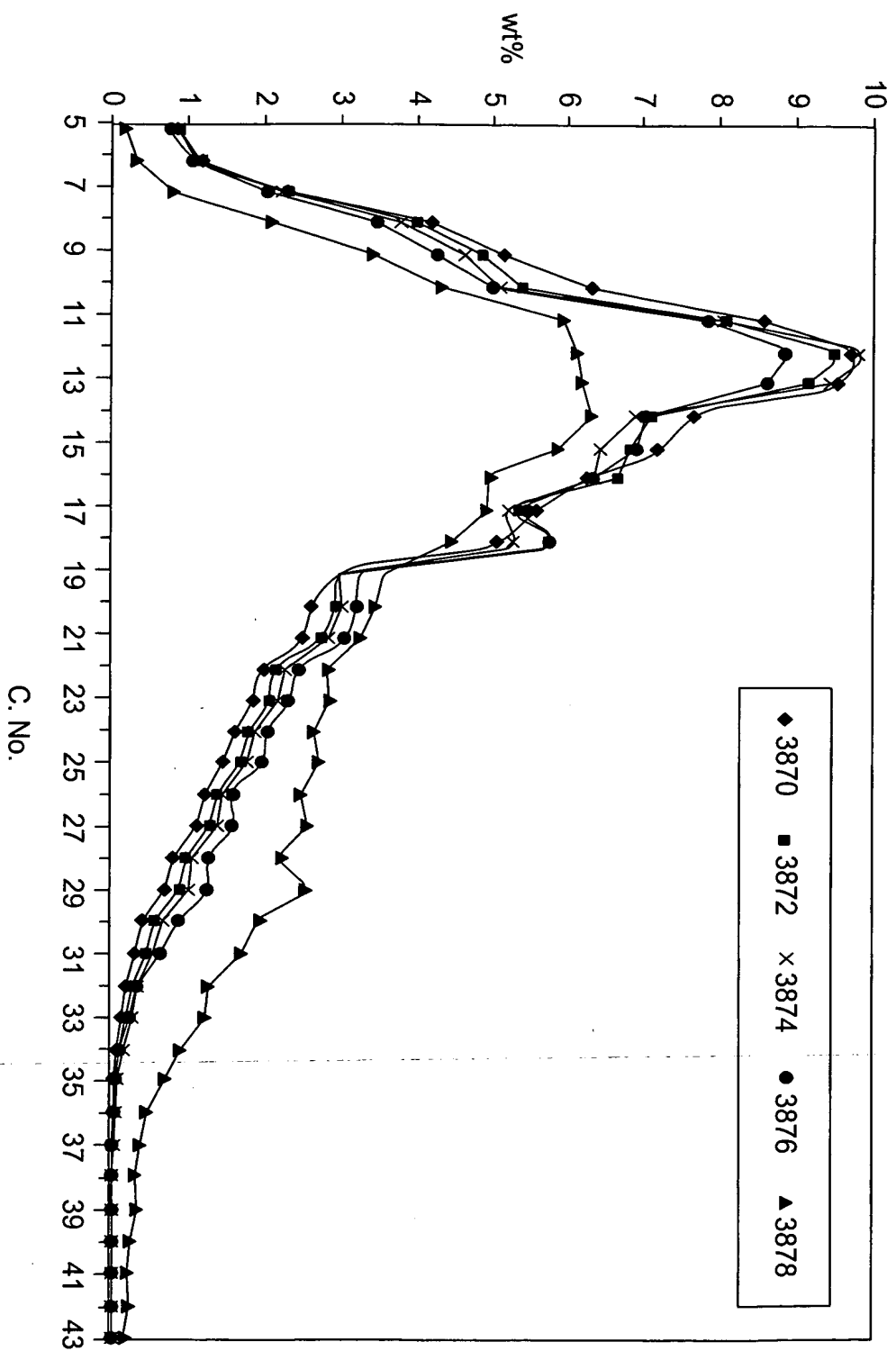


FIG. 108

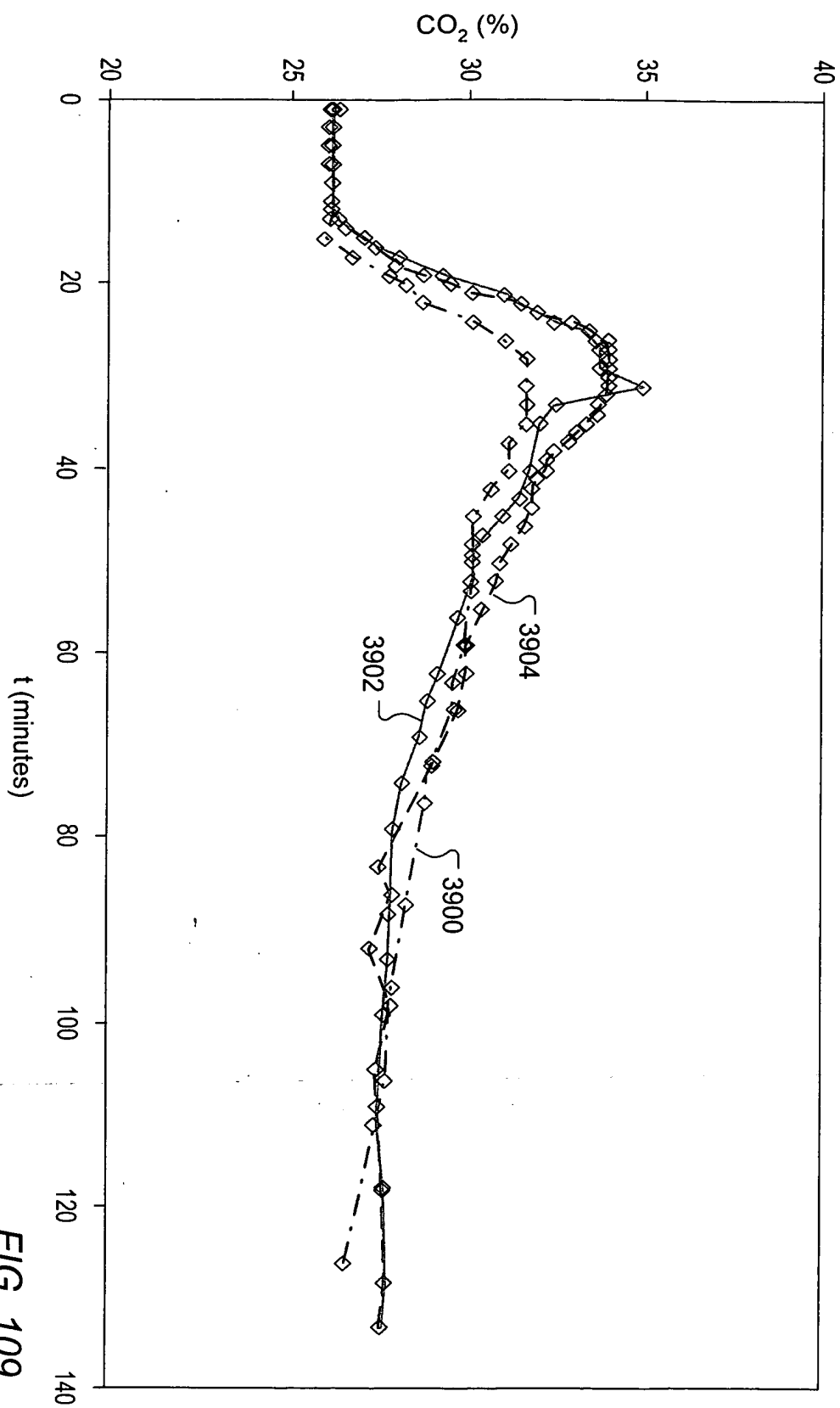


FIG. 109

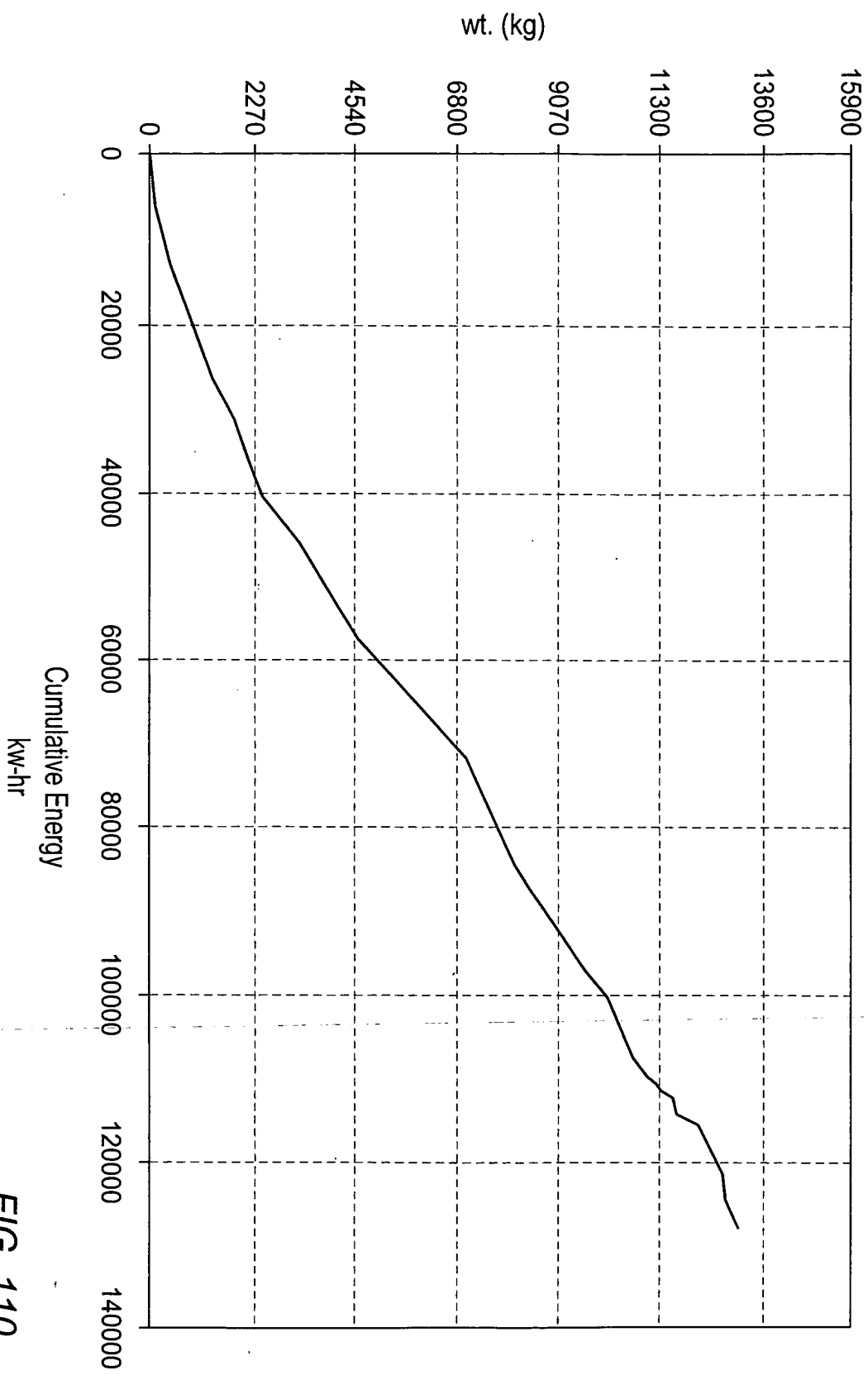


FIG. 110

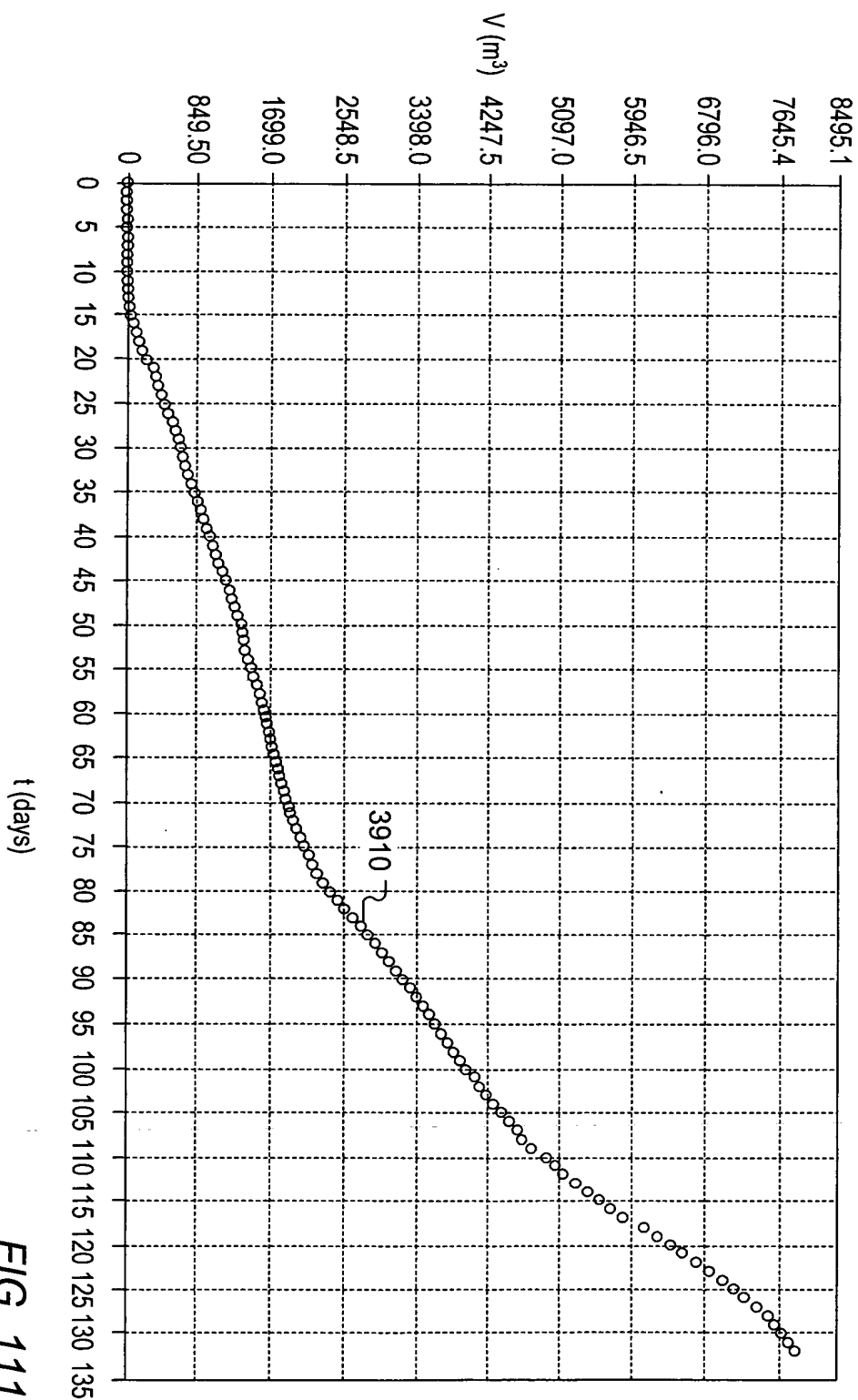


FIG. 111

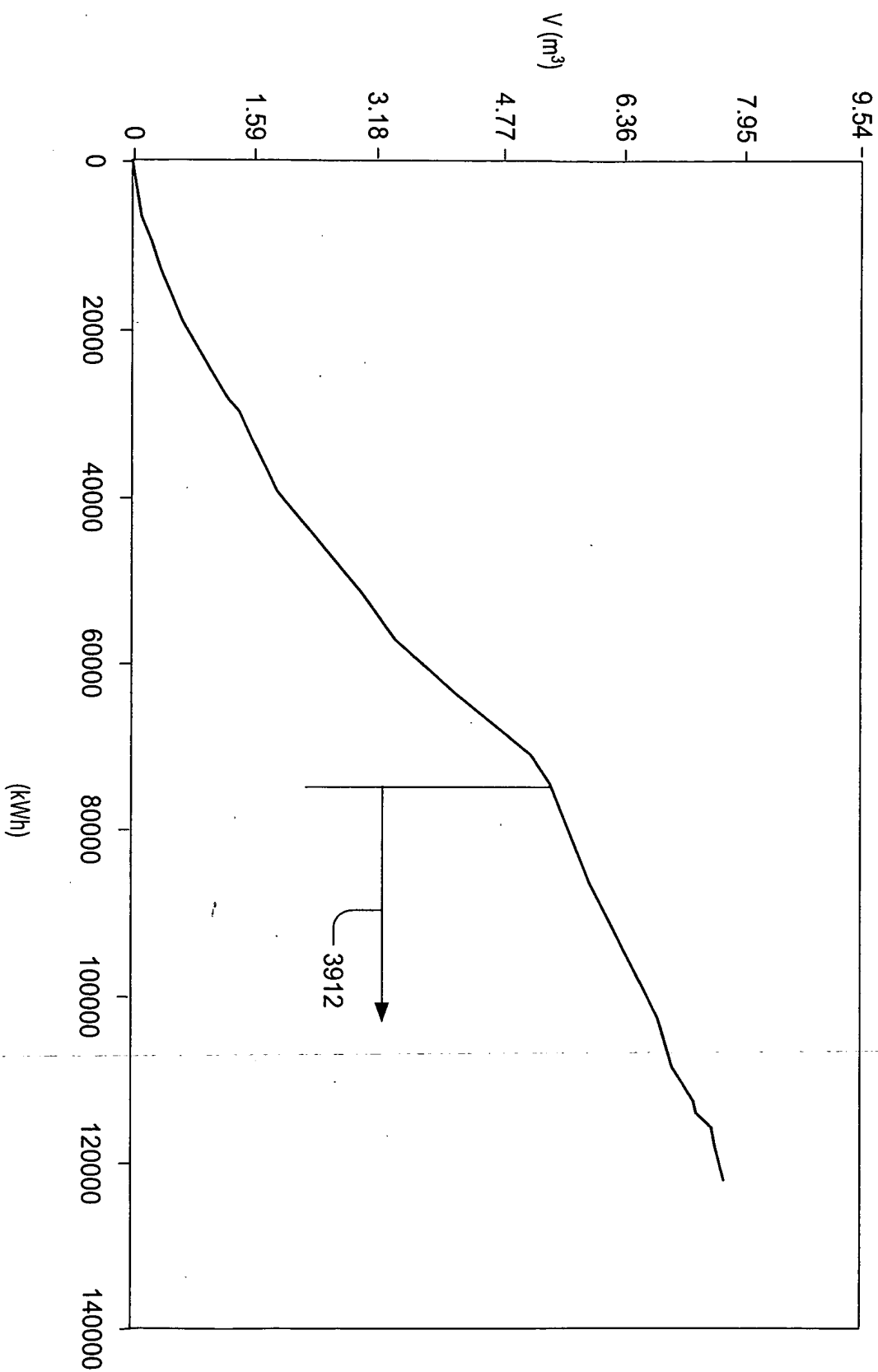


FIG. 112

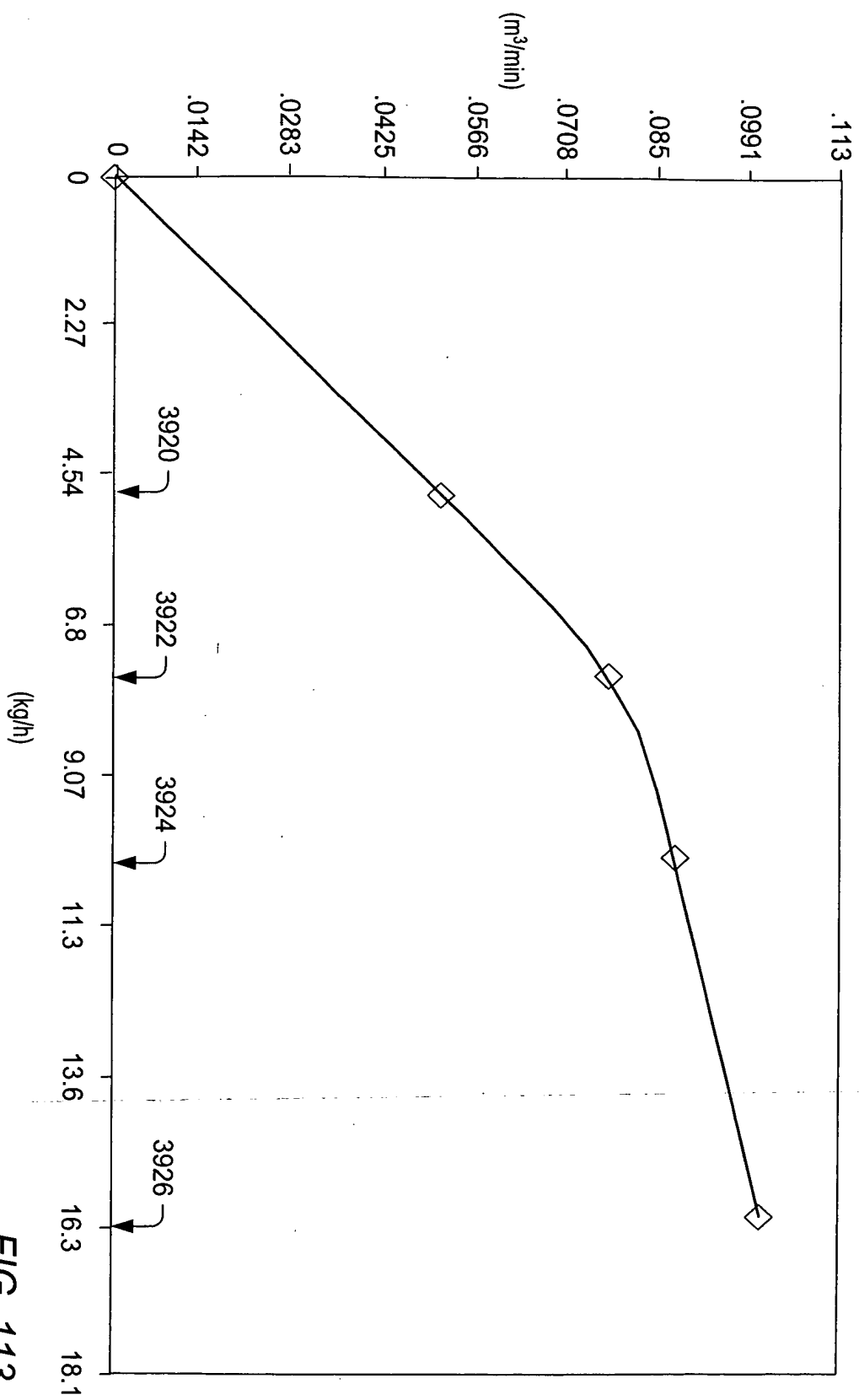


FIG. 113

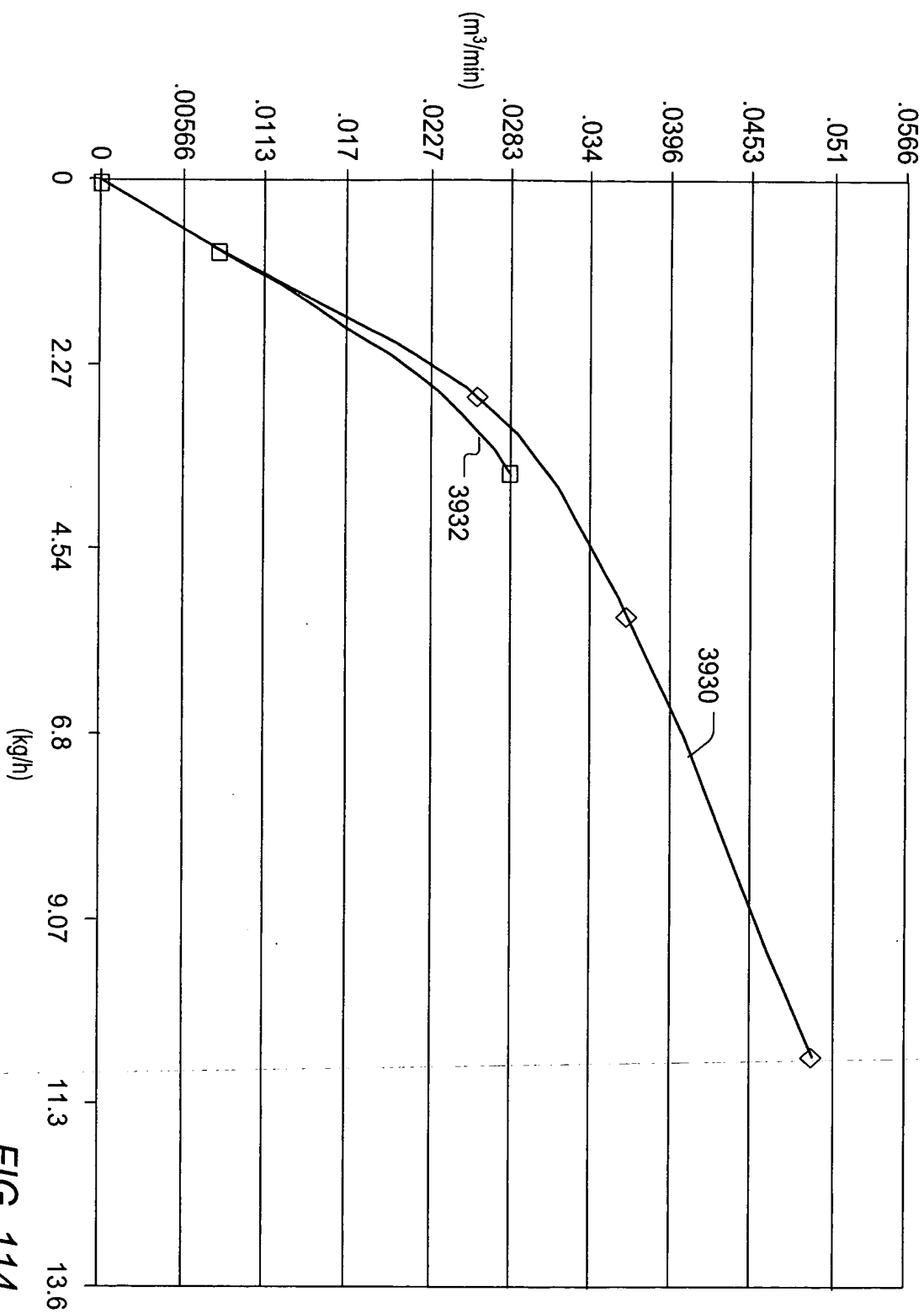


FIG. 114

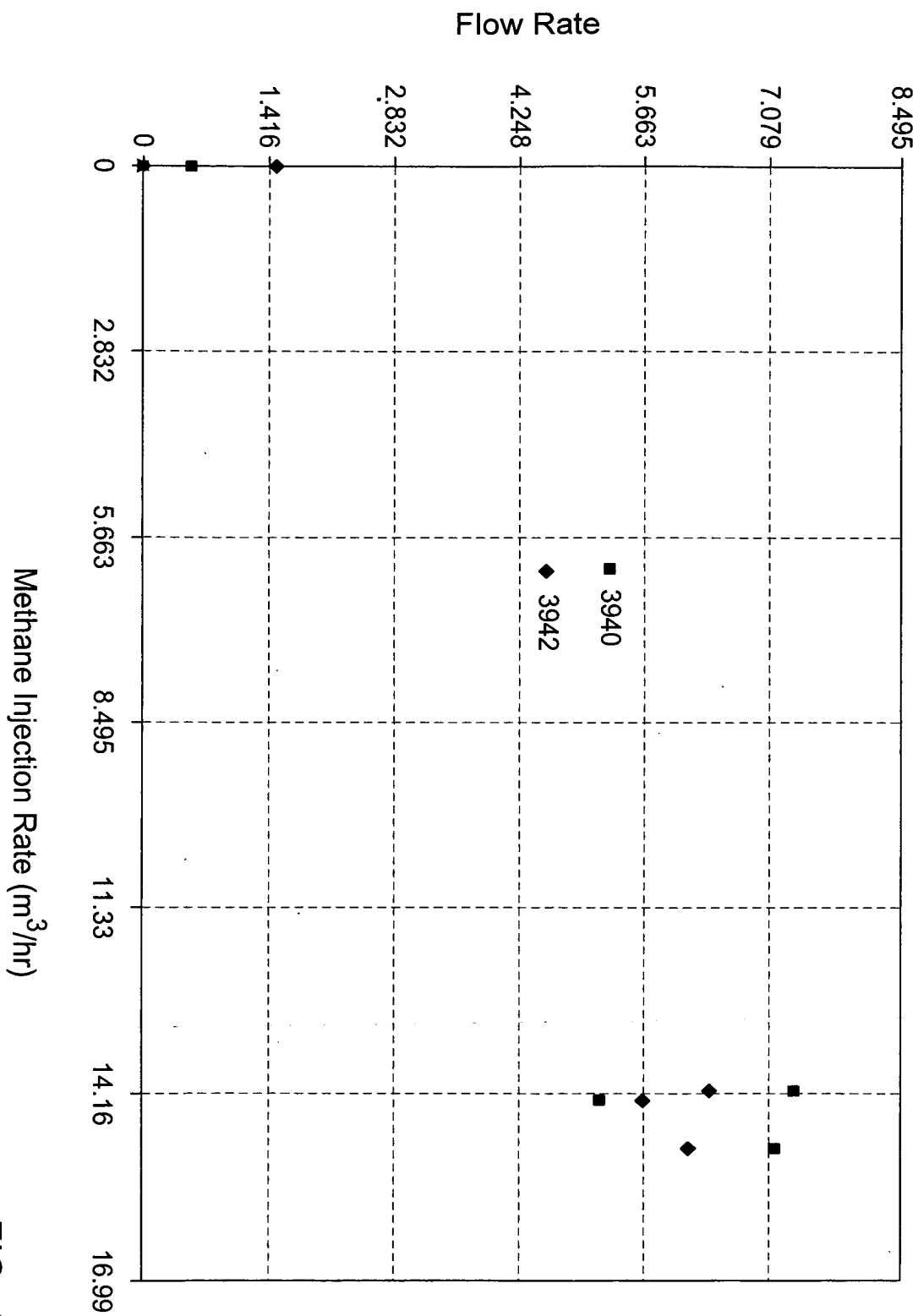


FIG. 115

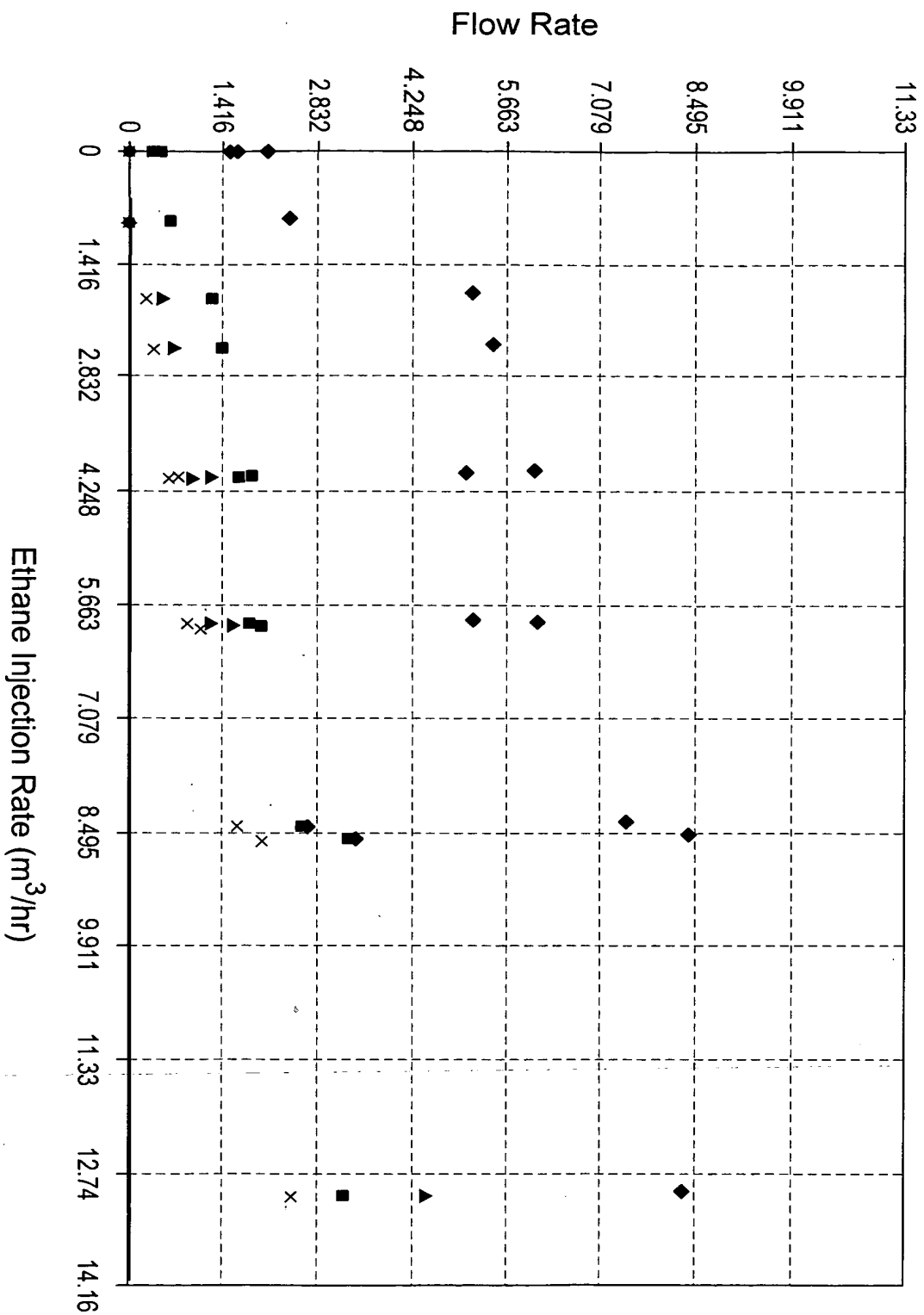


FIG. 116

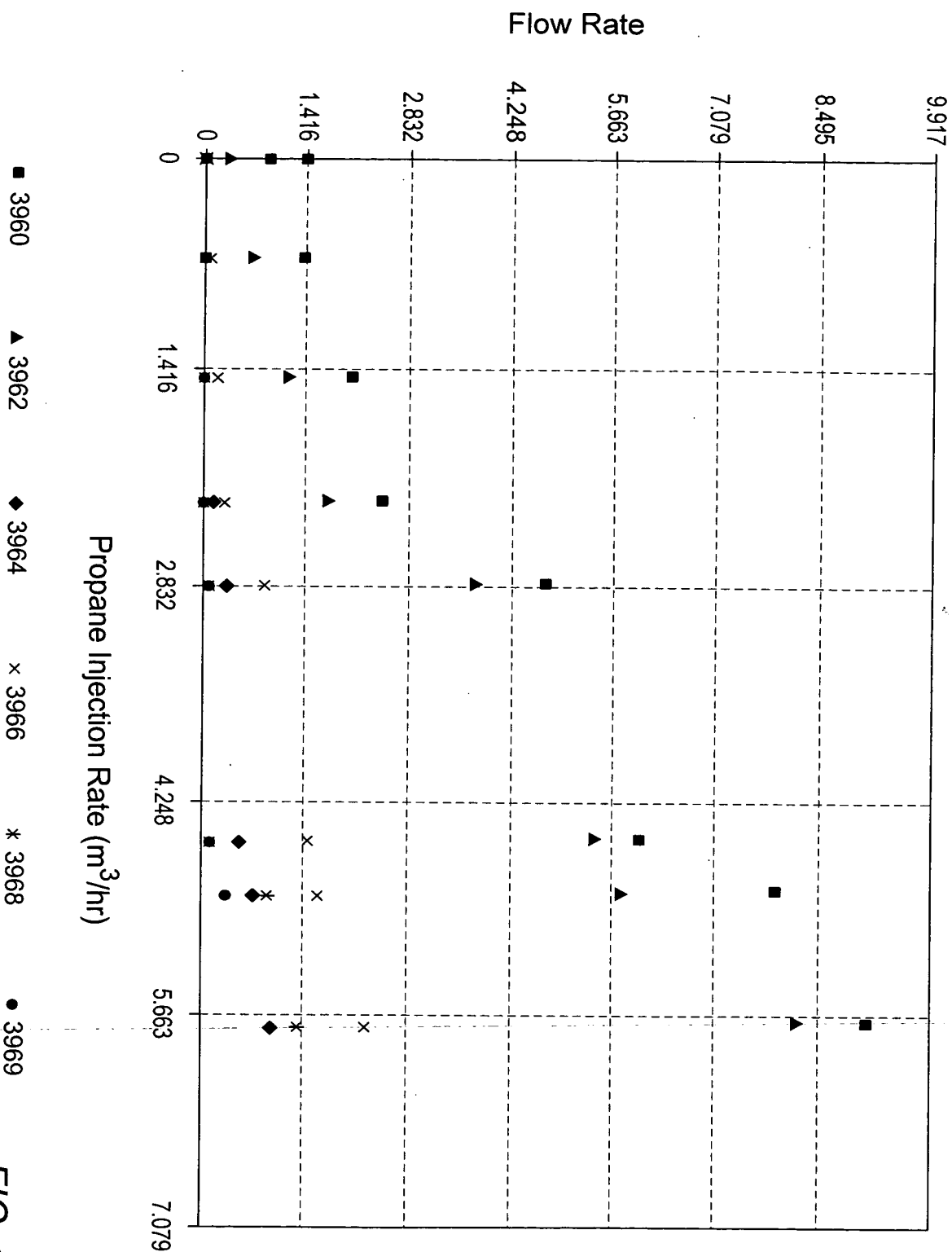


FIG. 117

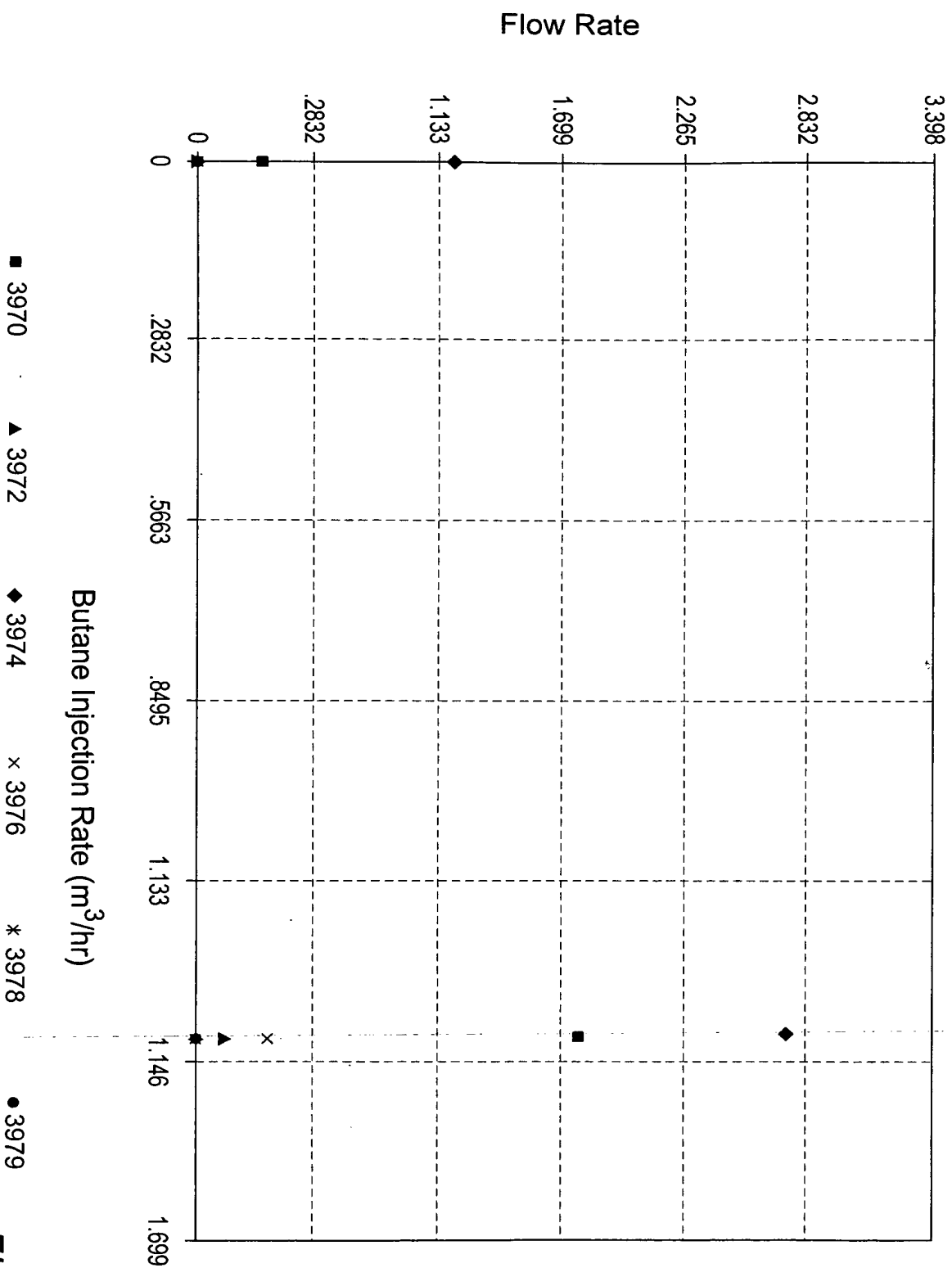


FIG. 118

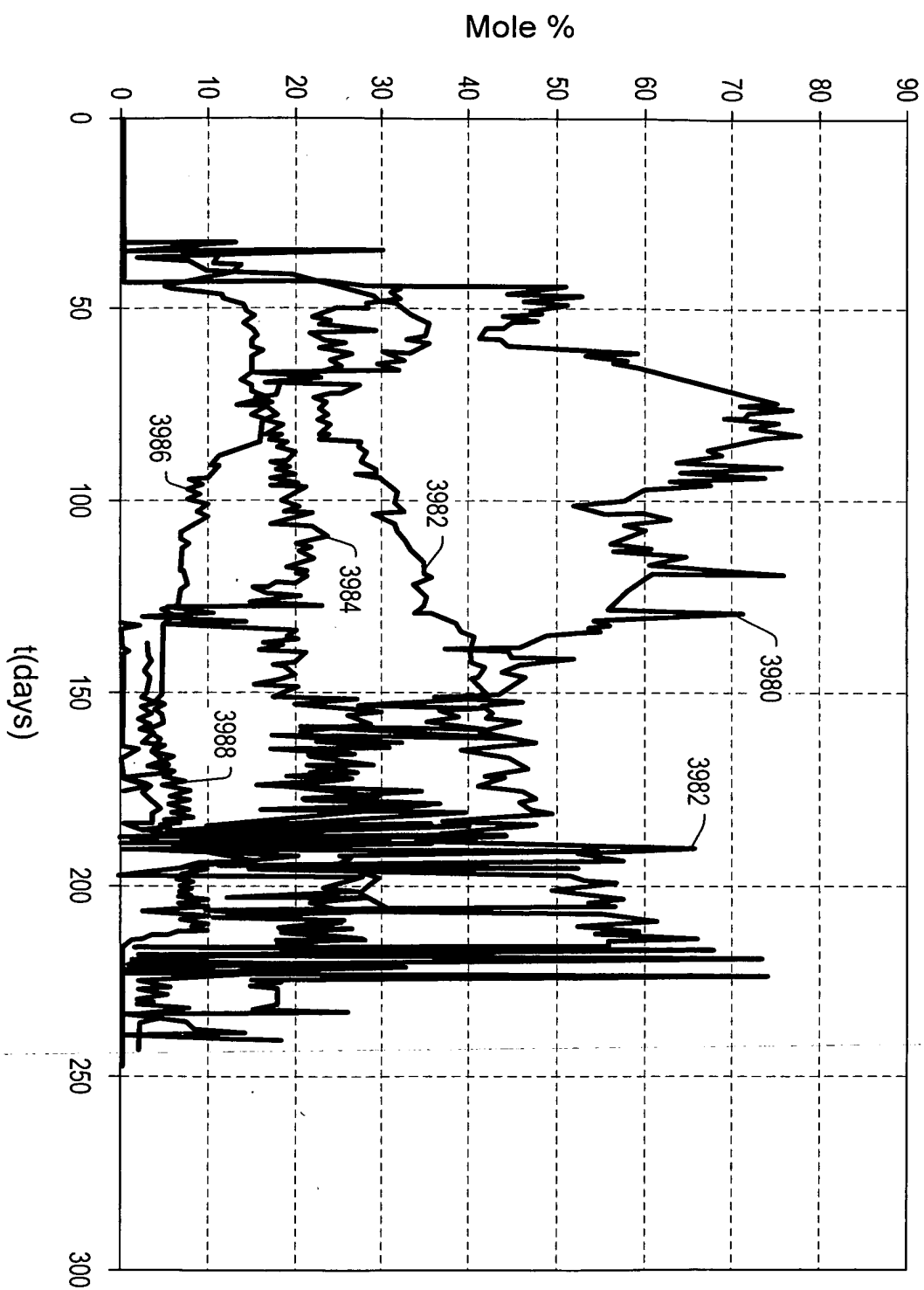


FIG. 119

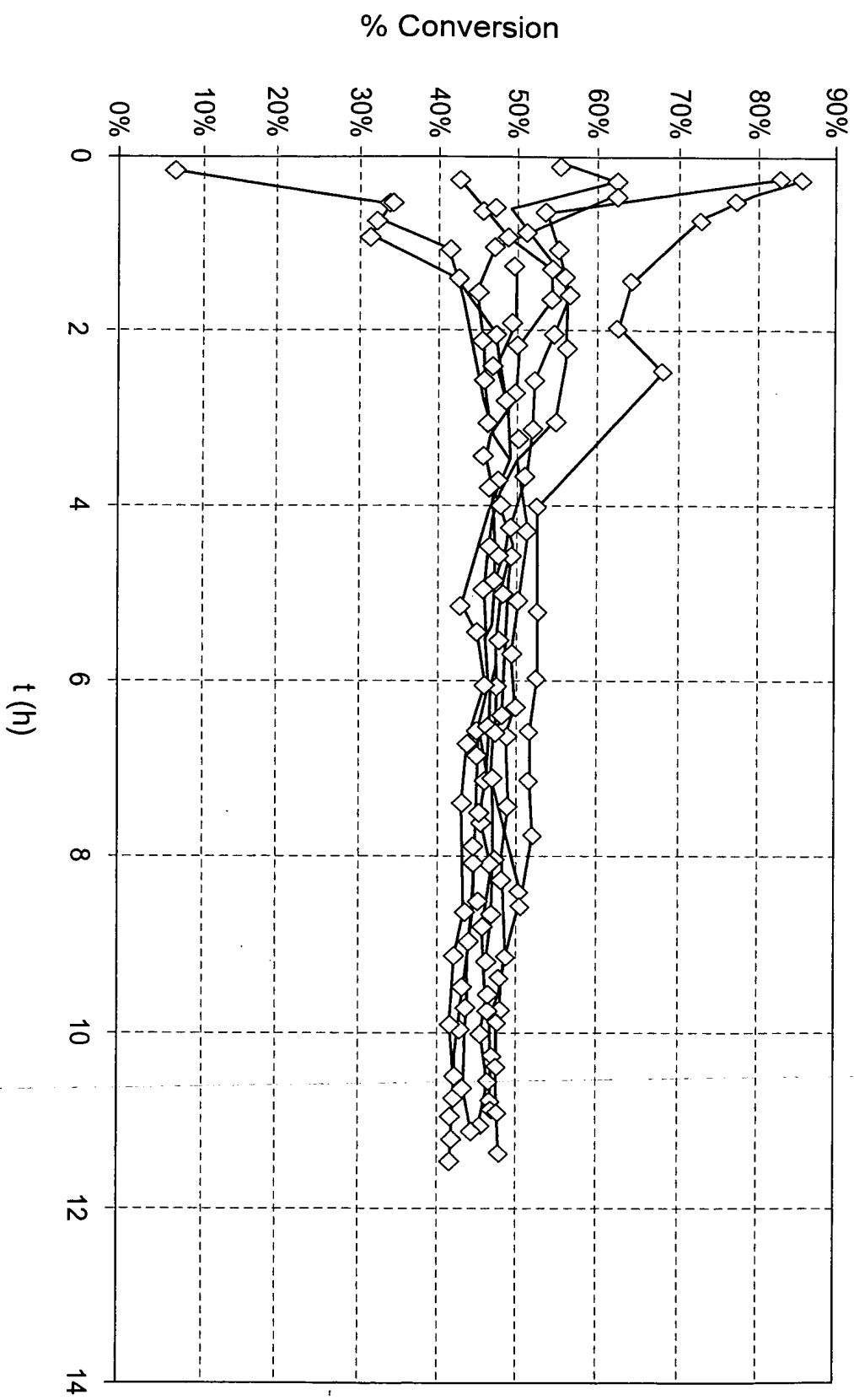


FIG. 120

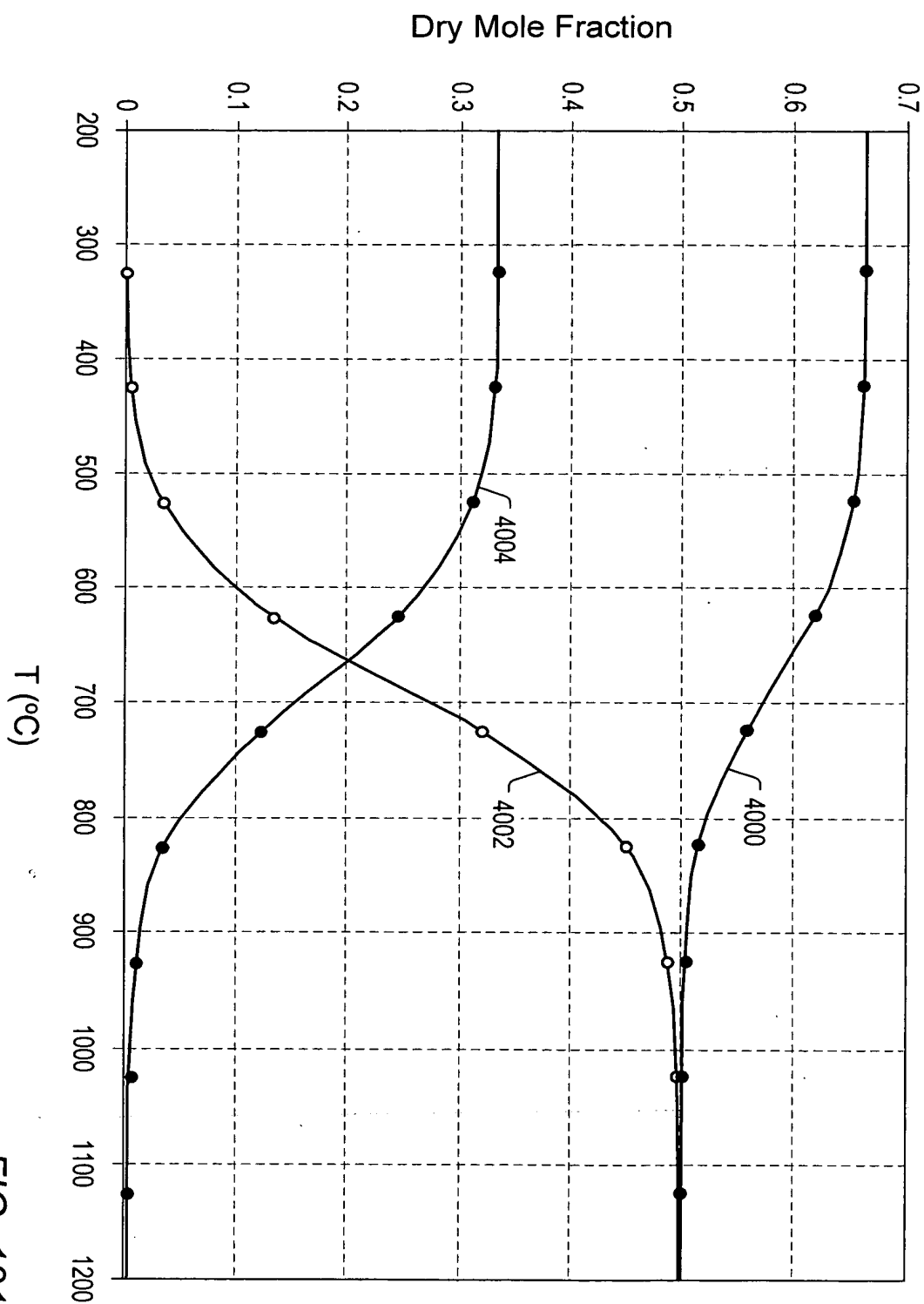


FIG. 121

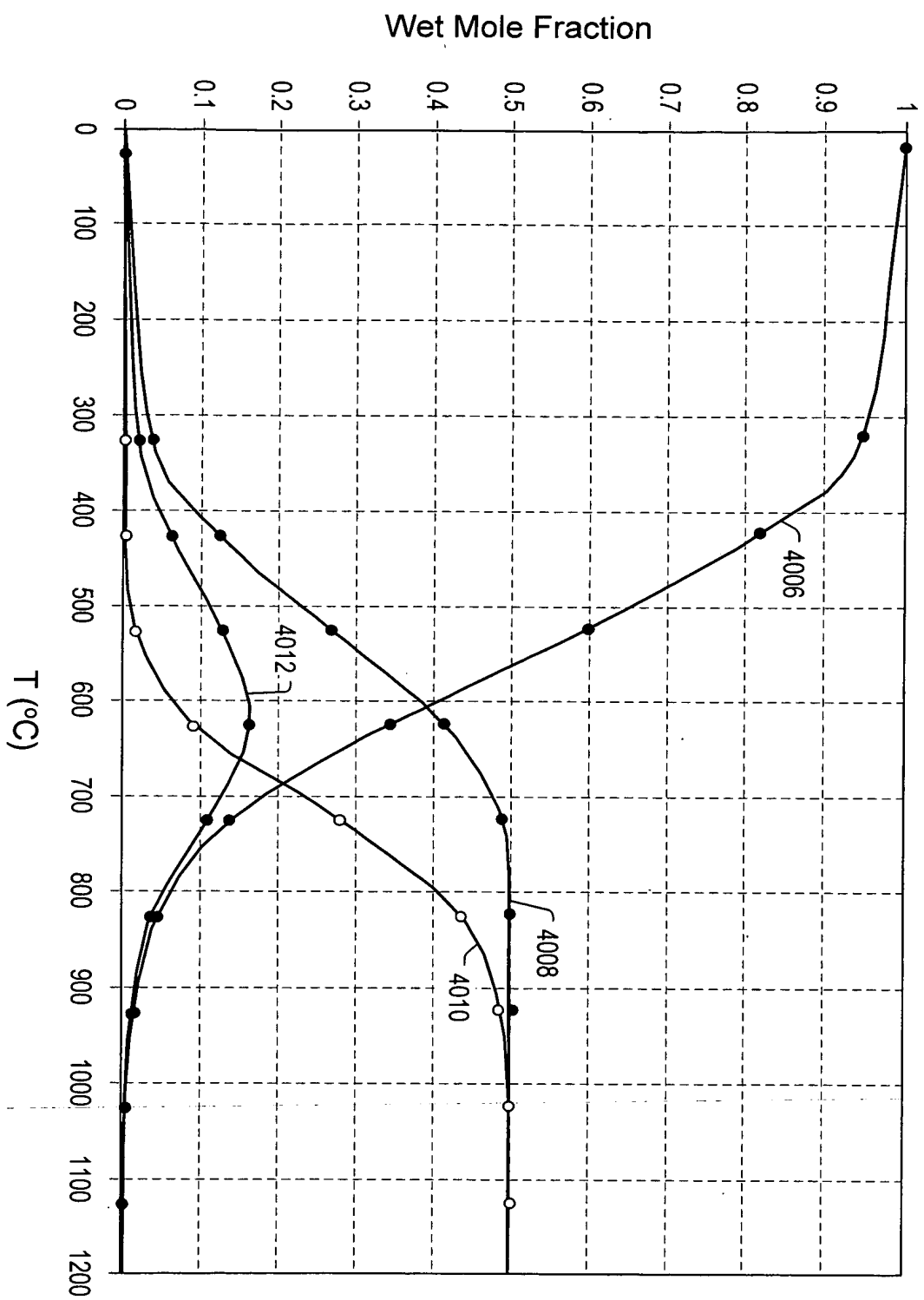
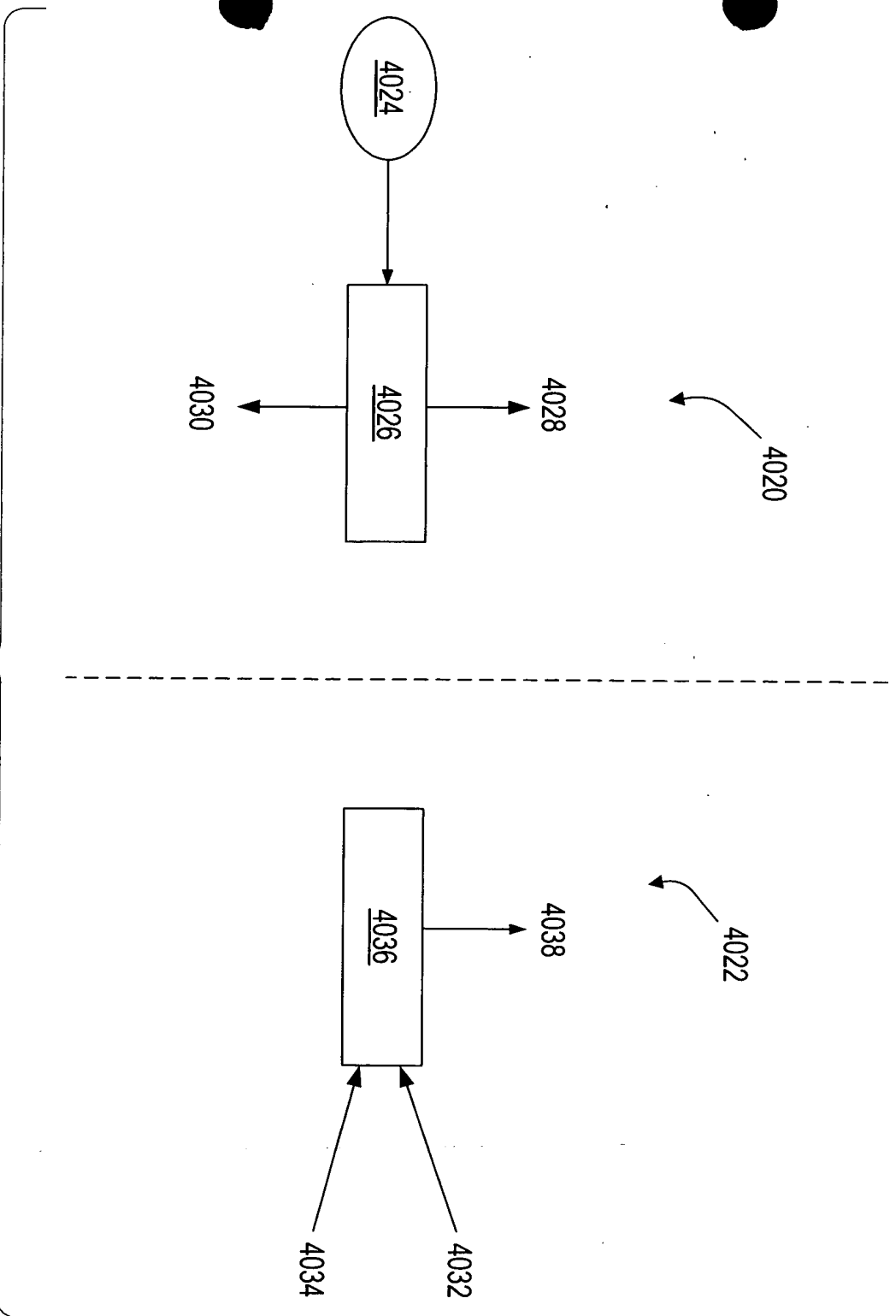


FIG. 122

FIG. 123



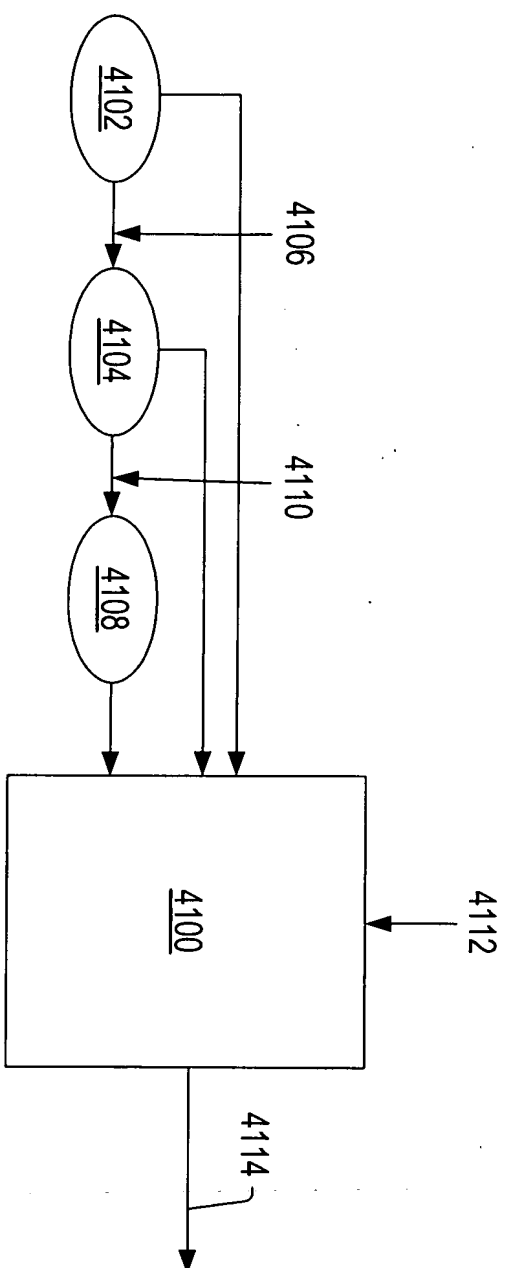


FIG. 124

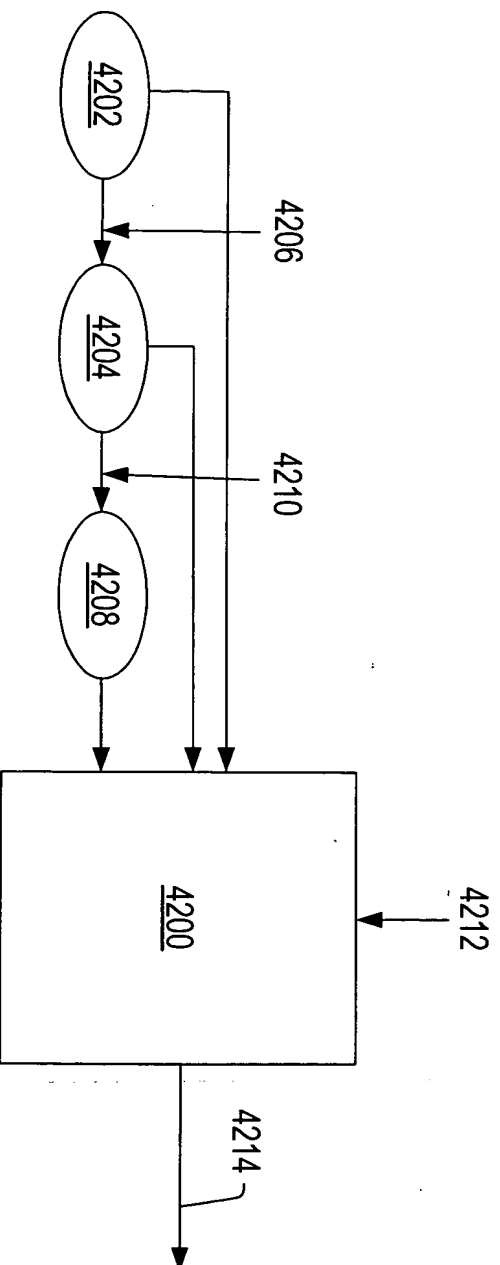


FIG. 125

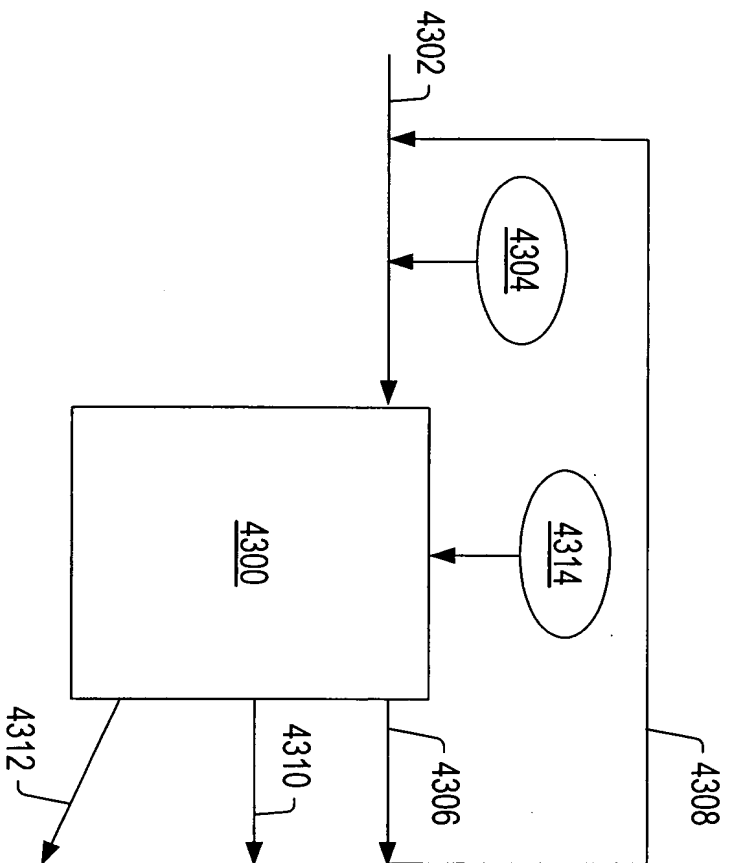


FIG. 126

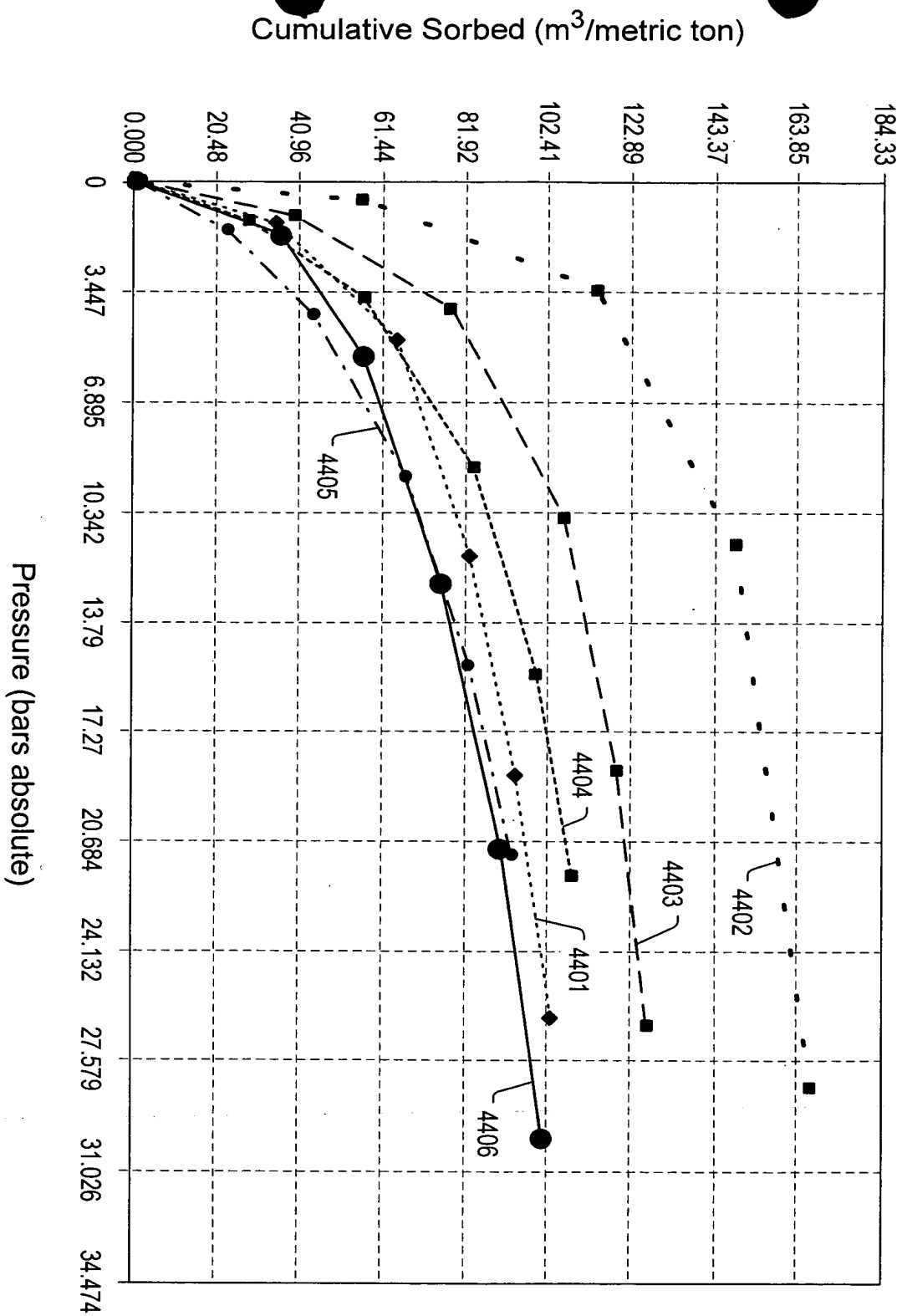


FIG. 127

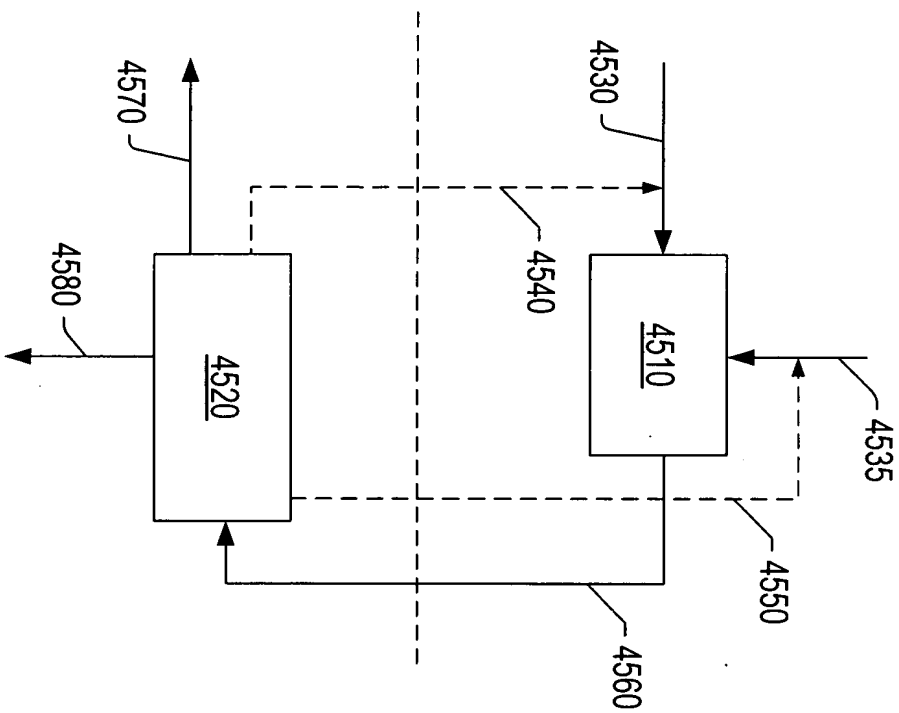


FIG. 128

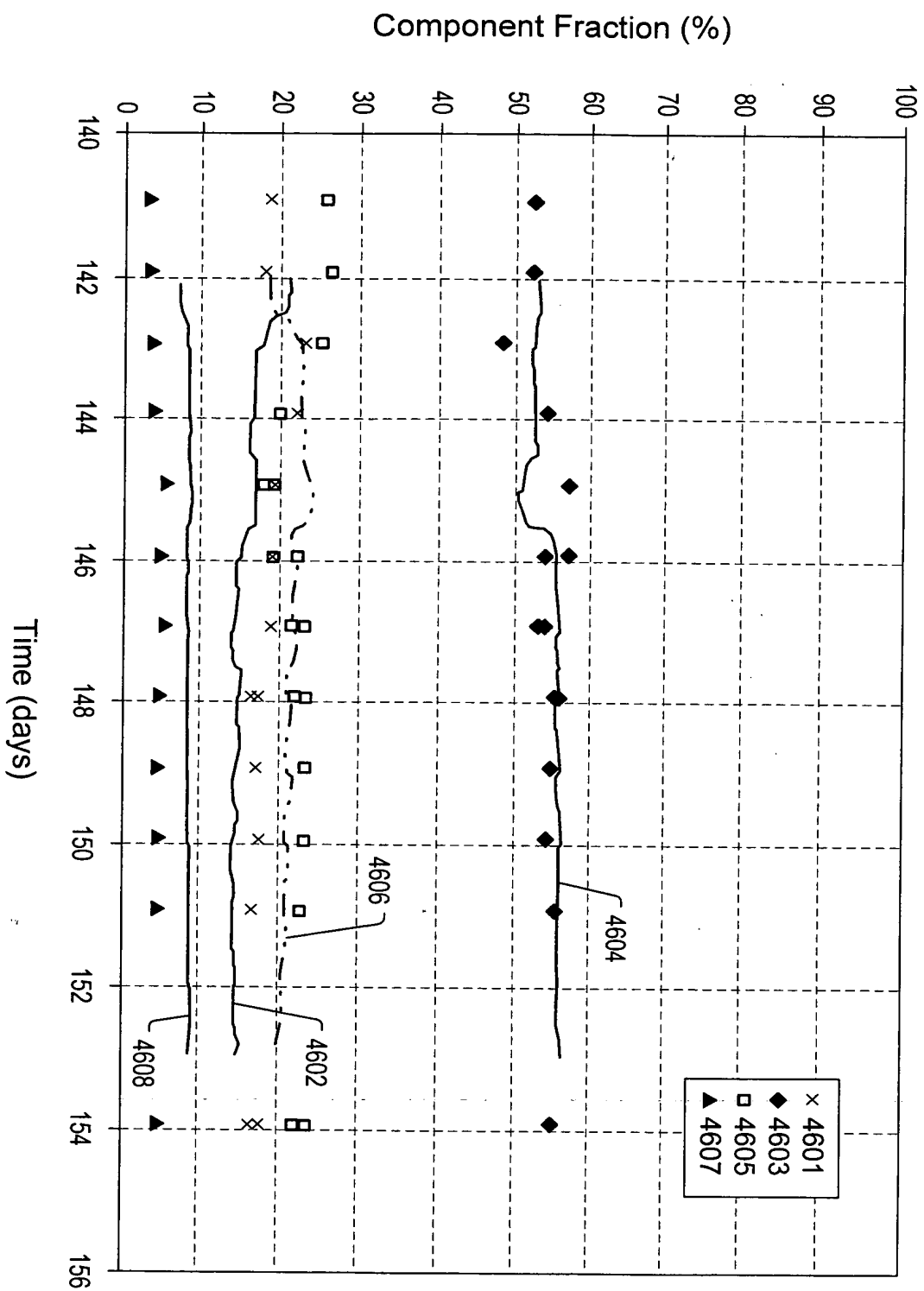


FIG. 129

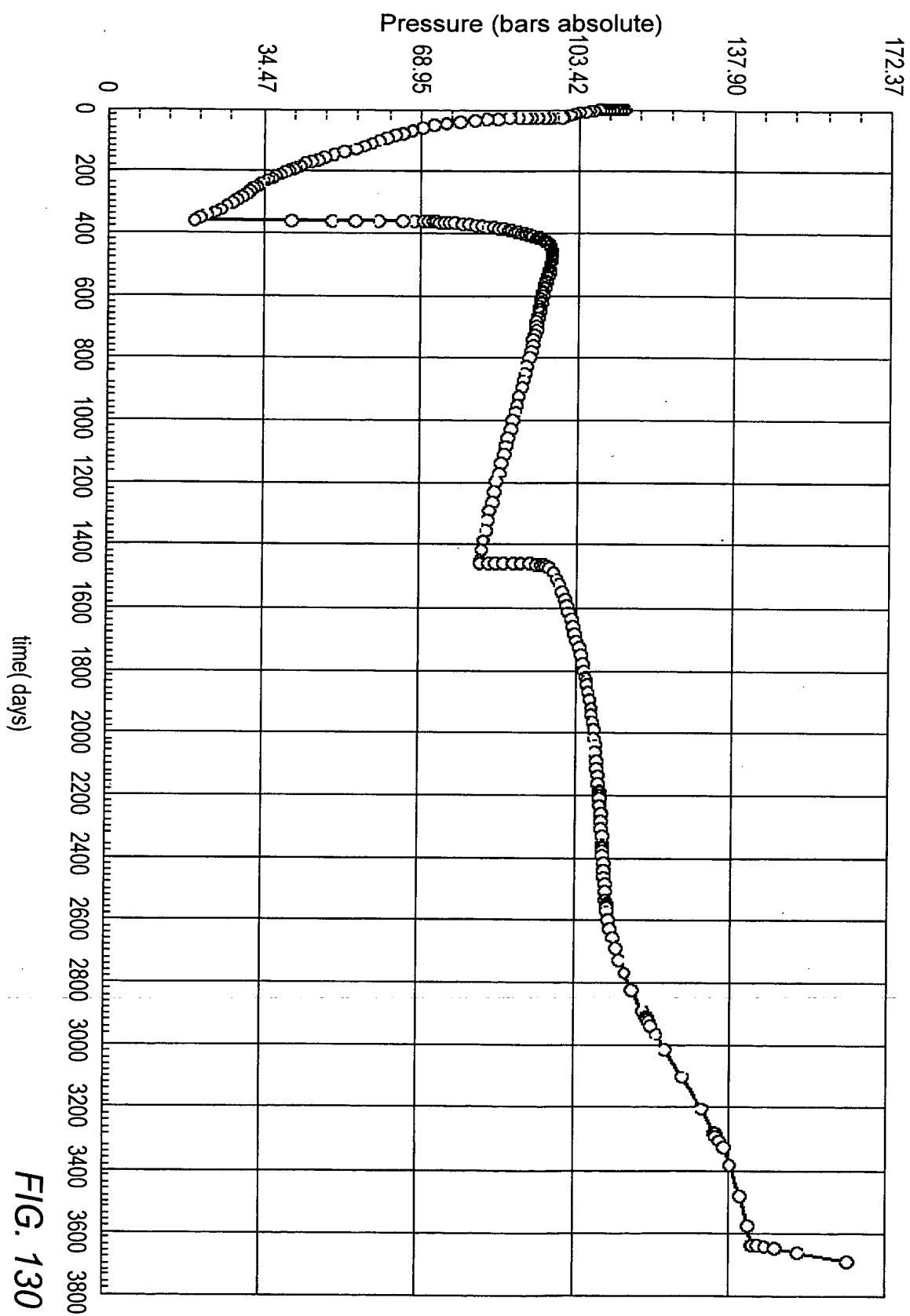


FIG. 130

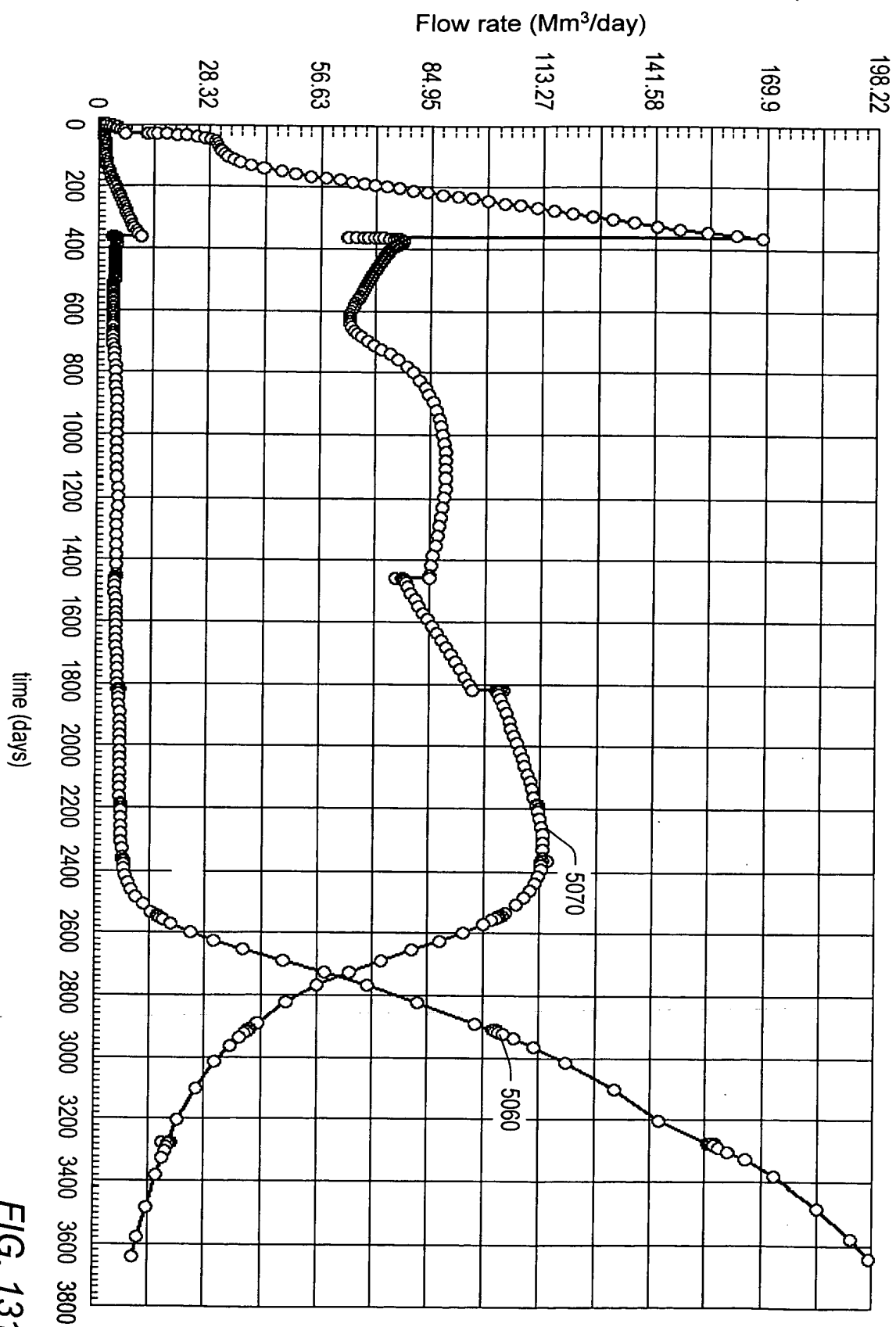
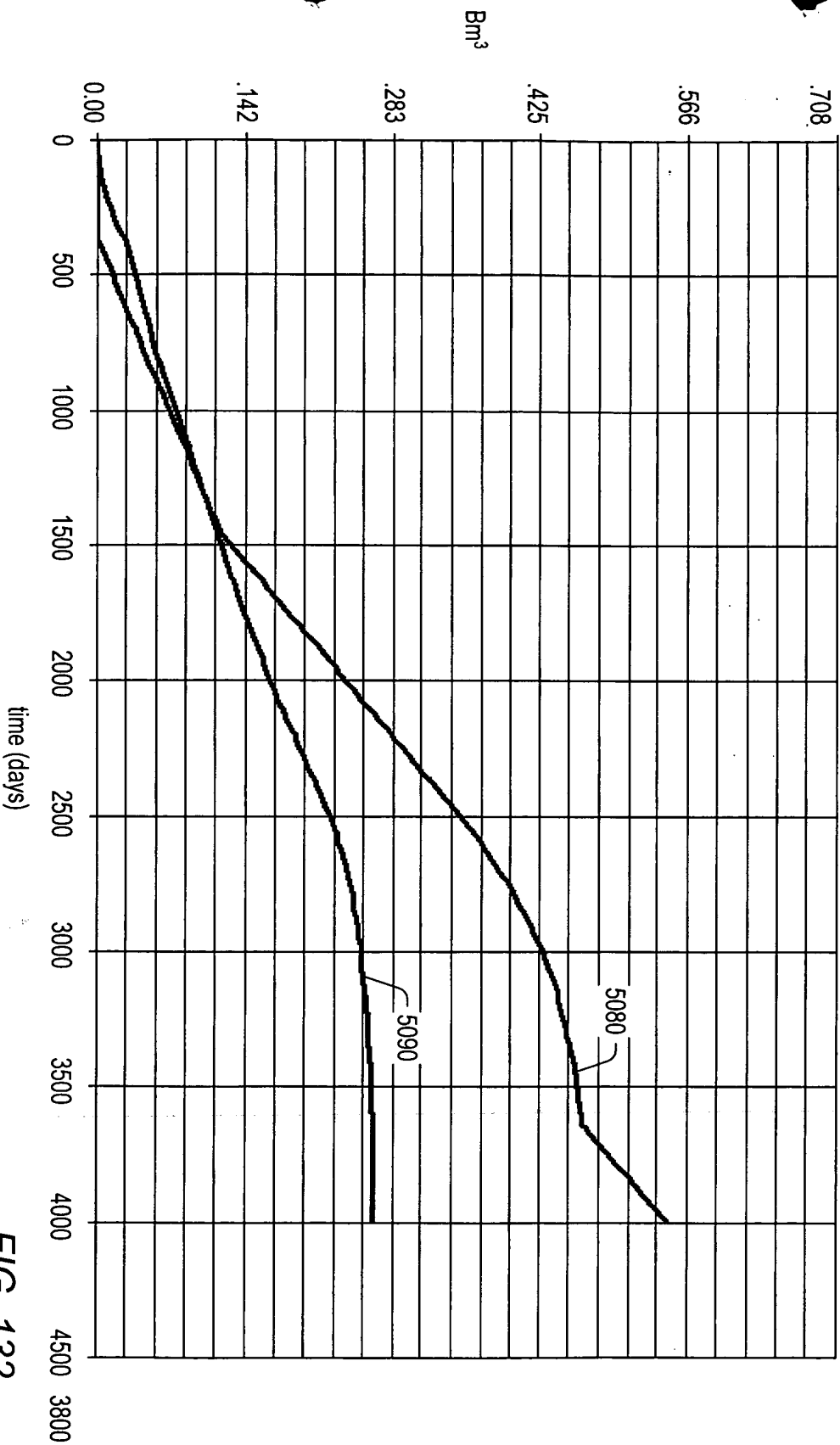


FIG. 131



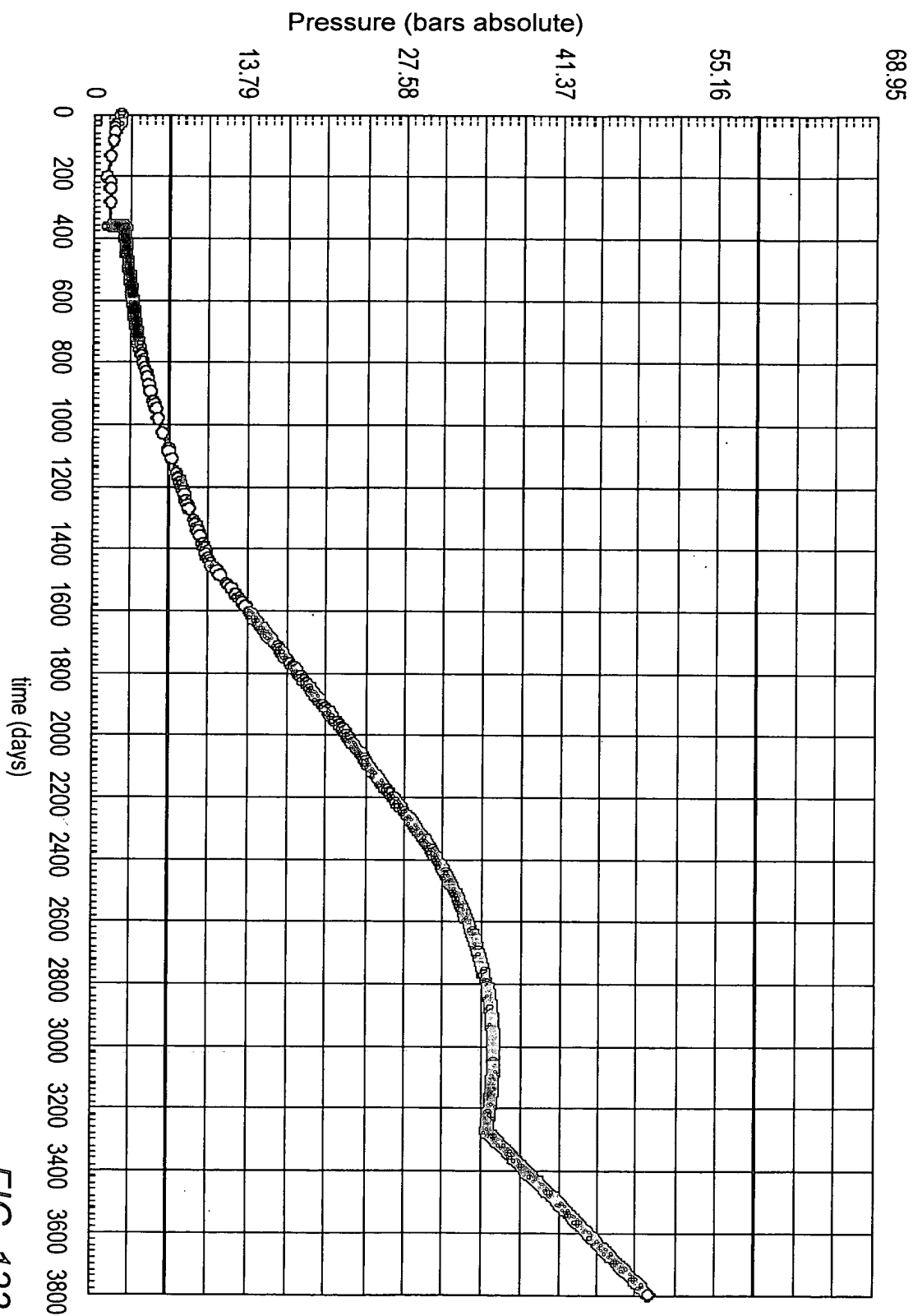


FIG. 133

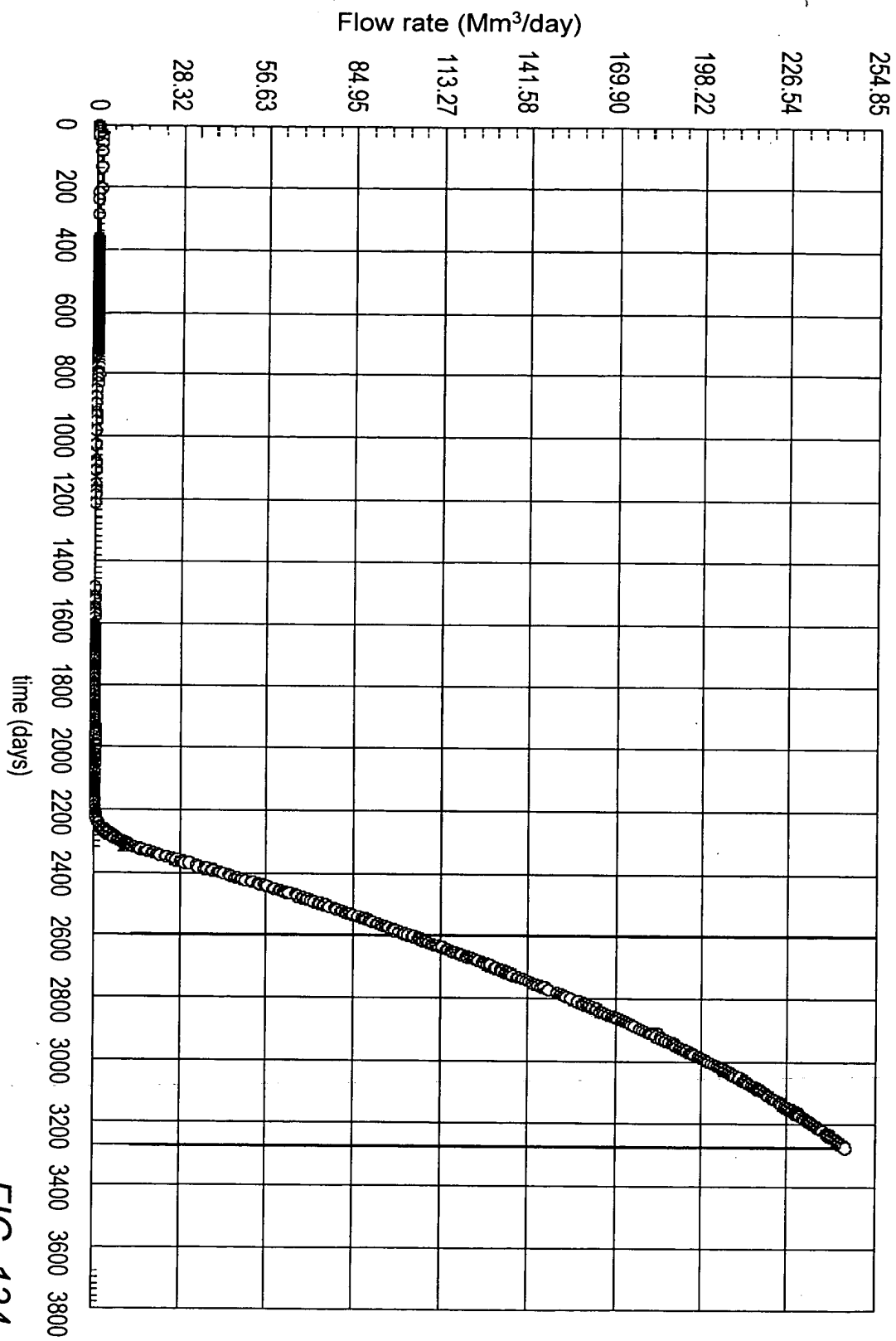


FIG. 134

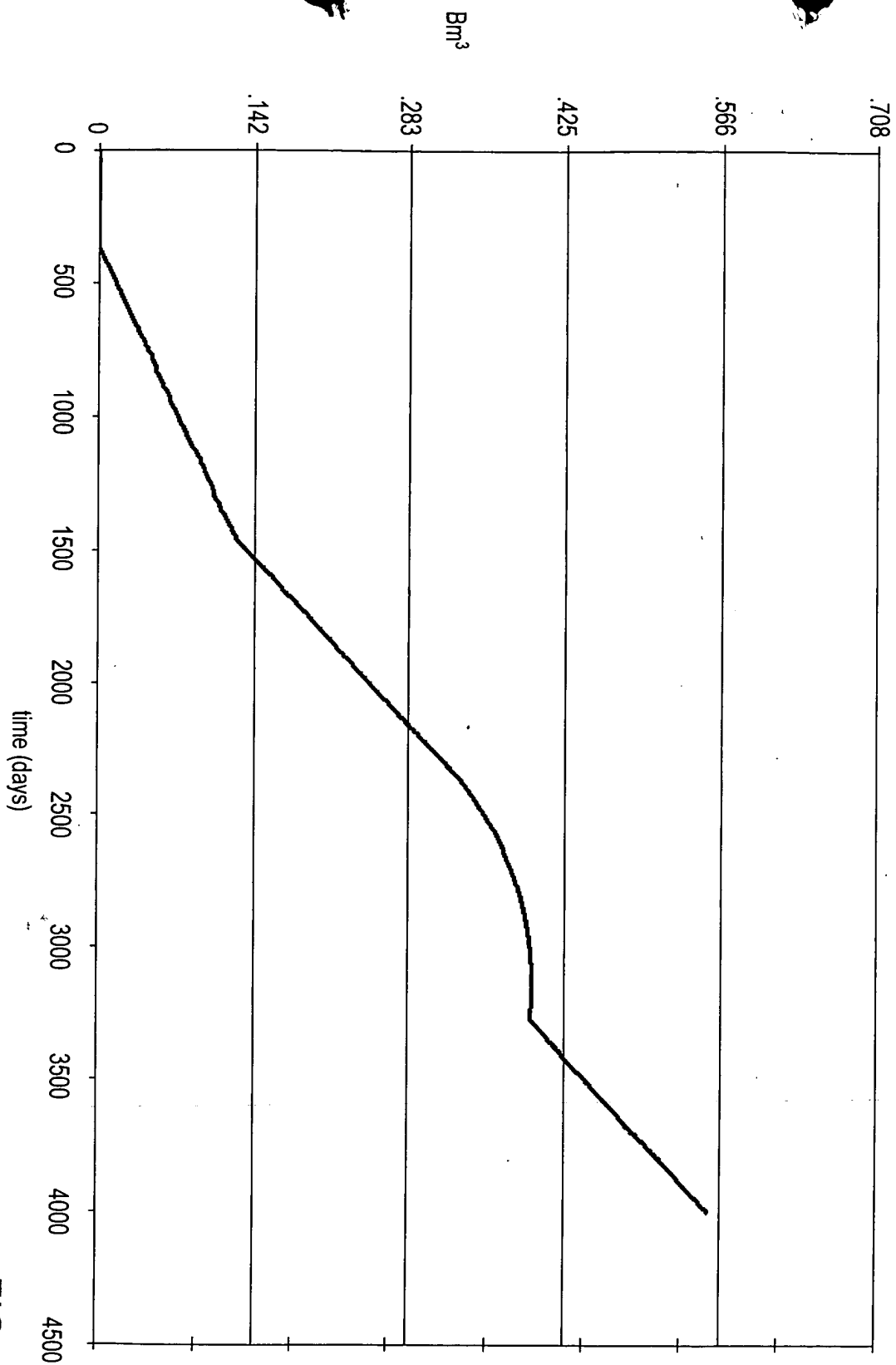


FIG. 135